AQUOS *Compact*

SH-02H

INSTRUCTION MANUAL ’15.11

Introduction

Thank you for purchasing "SH-02H".
Be sure to read this manual before and during use to ensure proper operation.

Checking operation method

Quick Start Guide (Basic package) (in Japanese only)

This guide describes operations of basic functions.

User's Manual (App of the handset) (in Japanese only)

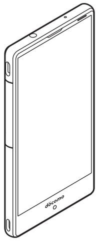
This manual describes detailed guidance and operations of functions.
In the home screen, [▦] ▶ [Instruction Manual]

User's Manual (in PDF format)

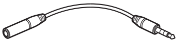
This manual describes detailed guidance and operations of functions.
Download from the DOCOMO website
https://www.nttdocomo.co.jp/english/support/trouble/manual/download/index.html
※ The URL and contents are subject to change without prior notice.

- The screens and illustrations in this manual are shown as examples. The actual screens and illustrations may differ.
- The explanations in this manual are based on the case when the home app is docomo LIVE UX and the setting of kisekae is [Yellow×Silver]. If you change the home app, operation procedures etc. may be different from the explanations of this manual.
- Note that "SH-02H" is referred to as "handset" in this manual.
- This manual refers to microSD Card, microSDHC Card or microSDXC Card as "microSD Card" or "microSD".
- Reproduction of this manual in part or in whole without prior permission is prohibited.
- The contents of this manual are subject to change without prior notice.

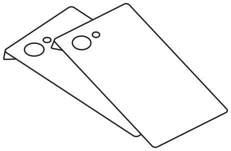
Basic package



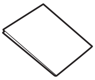
SH-02H
(includes warranty)



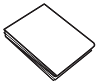
TV antenna cable (Sample)
(includes manual)



Nuance sheet 2 sheets (Sample)
(Cleaning cloth/includes manual)



Quick Start Guide
(in Japanese only)



Notes on usage
(in Japanese only)

- For optional parts (sold separately) compatible with the handset, refer to the DOCOMO website.
https://www.nttdocomo.co.jp/product/option/ (in Japanese only)

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Using the handset

- The handset supports LTE, W-CDMA, GSM/GPRS and wireless LAN systems.
- Because the handset relies on radio signals, it cannot be used in a place with no signal (such as tunnels, underground or in buildings), in places with a weak signal or outside the Xi service area or FOMA service area. You may not use the handset in the upper floors of a building even with no obstructions in sight. There may also be times when the signal is strong and you are not moving but the call is interrupted.
- Because the handset uses radio waves, it is possible for a third party to listen in on a conversation. However, since the LTE, W-CDMA and GSM/GPRS systems automatically apply a private call feature to every call, a third party that tries to listen in only hears noise.
- The handset converts conversations into a digital signal and sends it to the other party over the radio. If the signal cannot be reconverted properly by such as moving to an area with a weak signal, the voice may not be heard correctly.
- Take notes of information (e.g. the phonebook, calendar, note, voice memo, answering memo) stored on the handset or save the information to external memory devices such as microSD Cards and PCs periodically. DOCOMO shall not be liable for any loss of content due to a failure, repair, model change or other handling of the handset.
- As with PCs, some user-installed apps etc. may disrupt the stability of your handset performance or unexpectedly transmit information via the Internet causing improper use of your location information, personal information stored on the handset, etc. Therefore, verify the supplier and operating conditions of the apps etc. to be used before using them.
- The handset supports the FOMA Plus-Area and the FOMA HIGH-SPEED Area.
- When the available space on the microSD Card or the handset is insufficient, apps in use may not work properly. In this case, delete saved data.
- The handset does not support connection to i-mode website (program), i-αppli, etc.
- The handset does not support providers other than sp-mode, mopera U and Business mopera Internet.
- In the home screen, [▦] ▶ [Settings] ▶ [Profile] to check your phone number (own number).
- The handset does not support Public Mode (Drive Mode).
- Setting the handset to the manner mode does not mute sounds (camera shutter sound etc.) other than the ringtone, operation sound, and various notification sounds.
- The handset automatically performs communication for some functions, for example, to synchronize data, check the latest software version or maintain connection with the server. Also, making a communication with large-volume data such as downloading apps or watching videos will lead to higher packet communication charges. Subscription to Packet Pack/flat-rate packet communication services is highly recommended.
- Even while the Wi-Fi connection is set, packet communication charges may be incurred depending on the app and service you use.
- Software on the handset can be updated to up-to-date status (☞P.91 "Software update").
- For details on software version of your handset ☞P.75 "About phone"
- New functions may be added to the handset or the operation method may change by upgrading the OS version. Check the DOCOMO website for the latest information on these additions and changes.
- If the OS is upgraded, some apps used in the previous OS version may not be available or some unintended bugs may occur.
- Secure the security of the handset by setting Screen lock in case you lose it (☞P.70 "Lock & security").
- If your handset is lost, change your password for each account using a PC to prevent other persons from using Google™ services such as Gmail and Google Play™, and services such as SNS.
- Apps and their service contents are subject to change without prior notice.
- Read the terms of service of Google Inc. for details on Google services. Also, read each terms of service for details on other web services.
- If the terms of service etc. is displayed, follow the instructions on the screen and operate.
- Subscription to sp-mode is required to use tethering.
- Subscription to Packet Pack/flat-rate packet communication services is highly recommended to use tethering.
- For details on usage fees etc., refer to the DOCOMO website.
- The display is manufactured using high-precision technology, but it may contain dots that fail to light or that remain permanently lit on some areas. This is a characteristic of display and not a malfunction.
- The battery is built into the handset and you cannot replace it by yourself.
- Note that DOCOMO shall not guarantee operation of commercially available optional parts.

Precautions (ALWAYS FOLLOW THESE DIRECTIONS)

- Before use, read these "Precautions" carefully and use your handset properly.
  Keep this manual in a safe place for future reference.
- These precautions contain information intended to prevent bodily injury to the user and to surrounding people, as well as damage to property, and must be observed at all times.

The following symbols indicate the different degrees of injury or damage that may occur if information provided is not observed and the handset is used improperly.

⚠ **Danger**	**This symbol indicates that "death or serious bodily injury may directly and immediately result from improper use".**
⚠ **Warning**	**This symbol indicates that "death or serious bodily injury may result from improper use".**
⚠ **Caution**	**This symbol indicates that "minor injury and/or property damage may result from improper use".**

The following symbols indicate specific directions.

Don't	**Indicates a prohibited action.**	No wet hands	Indicates not to handle the device with wet hands.
No disassembly	Indicates not to disassemble the device.	Instruction	**Indicates that instructions specified are compulsory (must be followed).**
No liquids	Indicates not to use the device near water or get it wet.	Unplug	Indicates that the power cord must be unplugged from the outlet.

"Precautions" is explained in the following six sections.

- Handling the handset, adapters and docomo nano UIM card (general) P.4
- Handling the handset P.5
- Handling adapters P.6
- Handling docomo nano UIM card P.7
- Handling near electronic medical equipment P.7
- Material list P.7

Handling the handset, adapters and docomo nano UIM card (general)

⚠ Danger

Don't	**Do not use, store or leave the equipment in locations subject to high temperatures or accumulation of heat (near a fire or heating unit, in a kotatsu or bedding, under direct sunlight, inside a vehicle on a hot day, etc.).** May cause fires, burns, bodily injury, electric shock, etc.
Don't	**Do not place the equipment inside cooking appliances such as microwave ovens or pressure cookers.** May cause fires, burns, bodily injury, electric shock, etc.
No disassembly	**Do not attempt to disassemble or modify the equipment.** May cause fires, burns, bodily injury, electric shock, etc.
No liquids	**Do not get the equipment wet with liquids such as water (drinking water, sweat, seawater, pet urine, etc.).** May cause fires, burns, bodily injury, electric shock, etc. Refer to the following for details on waterproofness. ☞P.11 "Waterproof/Dustproof"
No liquids	**Do not allow liquids such as water (drinking water, sweat, seawater, pet urine, etc.) to get inside the charger terminal or external connector terminal.** May cause fires, burns, bodily injury, electric shock, etc. Refer to the following for details on waterproofness. ☞P.11 "Waterproof/Dustproof"
Instruction	**Use only optional parts specified by NTT DOCOMO for use with the handset.** May cause fires, burns, bodily injury, electric shock, etc.

⚠ Warning

Don't	**Do not subject the equipment to strong force or impacts such as letting it fall, stepping on it or throwing it.** May cause fires, burns, bodily injury, electric shock, etc.
Don't	**Do not allow conductive materials (such as metal objects and pencil lead) to come into contact with the charger terminal or external connector terminal or dust to get inside it.** May cause fires, burns, bodily injury, electric shock, etc.
Don't	**Do not cover or wrap the equipment with bedding etc. when using or charging.** May cause fires, burns, etc.
Instruction	**Be sure to turn off the handset and not to charge the battery in locations such as gas stations where flammable gas may be generated.** May cause a gas explosion or fire. To use Osaifu-Keitai in locations such as gas stations, be sure to turn off the power in advance (If NFC/Osaifu-Keitai lock is set, disable the lock before turning off the power).

Instruction

If you notice anything unusual, such as an unusual odor, unusual noise, smoking, overheating, discoloration or deformation during use, charging or storage, follow the instructions below.

- **Unplug the power plug from the outlet or cigarette lighter socket.**
- **Turn off the handset.**

May cause fires, burns, bodily injury, electric shock, etc. if you do not follow the instructions above.

⚠ Caution

Don't

Do not leave the equipment on unstable surfaces, such as on a wobbly table or sloped surface.
May fall and cause injury etc.

Don't

Do not store the equipment in locations that are subject to humidity, dust or high temperatures.
May cause fires, burns, etc.

Instruction

If being used by a child, have a guardian teach him/her the proper handling procedures. In addition, check that the child is using the equipment as directed.
May result in bodily injury etc.

Instruction

Keep the equipment out of the reach of young children.
A young child may swallow the equipment, or suffer bodily injury, electric shock, etc.

Instruction

Be careful when using the handset continuously for a long time or charging. Also, be careful not to touch it unintentionally for a long time when you fall asleep etc.
The handset or adapter may become warm when using an app, a call, data communication, watching 1Seg or video, etc. for a long time or charging.
Directly touching a warmed part for a long time may cause redness, itching, rashes, etc. on your skin, or result in low-temperature burns etc. depending on your constitution or health condition.

Handling the handset

The following is the type of the internal battery built into the handset.

Label	Battery type
Li-ion00	Lithium-ion

⚠ Danger

Don't

Do not throw the handset into a fire or heat it.
May cause fires, burns, bodily injury, etc. because of catching fire, exploding, overheating or leaking of the internal battery.

Don't

Do not apply excessive force on the handset such as by puncturing it with a nail (sharp object), hitting it with a hammer (hard object) or stepping on it.
May cause fires, burns, bodily injury, etc. because of catching fire, exploding, overheating or leaking of the internal battery.

Instruction

If the battery fluid etc. comes into contact with your eyes, do not rub your eyes but immediately rinse your eyes with clean water. Then seek prompt medical treatment.
May result in loss of eyesight etc.

⚠ Warning

Don't

Do not point the illuminated light directly at someone's eyes. Especially when you shoot still pictures or videos of young children, keep 1 m or more distance from them.
Do not use Mobile light near people's faces. Eyesight may be temporarily affected leading to accidents etc.

Don't

Do not allow water or other liquids, metal, flammable material or other foreign objects to enter the docomo nano UIM card slot or microSD Card slot on the handset.
May cause fires, burns, bodily injury, electric shock, etc.

Don't

Do not shine the mobile light at anyone driving a car or other vehicles.
May prevent a driver from driving safely and cause a traffic accident.

Don't

If any trouble such as an unusual odor, overheating, discoloration or deformation is found, immediately stop using it and move it away from any naked flames or fire.
May cause fires, burns, bodily injury, etc. because of catching fire, exploding, overheating or leaking of the internal battery.

Instruction

Turn off the handset or set it to Airplane mode before going aboard an airplane.
Since using the handset on airplanes is restricted, follow the instructions given by the respective airlines.
May interfere with the operation of electronic devices installed on the airplane.
If you commit a prohibited act while using the handset on an airplane, you may be punished by law.

Instruction

Follow the instructions given by the respective medical facility regarding the use of the handset in a hospital.
Turn off the handset in areas where the use of mobile phones is prohibited.
May interfere with the operation of electronic devices and electronic medical equipment.

Instruction

Keep the handset away from the ears during a call in which hands-free is set or while the ringtone is ringing.
When you attach the earphone/microphone etc. to the handset to play games, music, etc., do not make the volume too loud.
Excessively high volume may damage your hearing etc.
Also, it may prevent you from hearing ambient sounds and cause an accident.

Instruction

If you have a weak heart, take extra precautions when setting functions such as the vibrator and ringtone volume for incoming calls.
May have harmful effects on your heart.

Instruction

If you are using electronic medical equipment etc., contact the respective manufacturer or dealer to check whether the operation of the equipment is affected by signals.
May interfere with the operation of electronic medical equipment etc.

Instruction

Turn off the handset near high-precision electronic devices or devices that use weak electronic signals.
May interfere with the operation of electronic devices.
※Take particular care with the following devices
Hearing aids, implanted cardiac pacemakers, implanted cardioverter-defibrillators or other electronic medical equipment. Fire alarms, automatic doors, and other equipment controlled by electronic signals. If you use an implanted cardiac pacemaker, implanted cardioverter-defibrillator or other electronic medical equipment, contact the respective manufacturer or dealer to check whether the operation of the equipment is affected by signals.

Instruction

If the display part or camera lens is damaged, be careful of broken glass and the exposed inside of the handset.
Tape is pasted on the back of the display while the surface of the display is covered by a protective film and the surface of the camera lens is made of plastic panel so as to minimize the possibility of glass scattering. However, touching the broken or exposed parts may cause bodily injury etc.

Instruction

If the internal battery leaks or emits an unusual odor, immediately stop using the handset and move it away from any naked flames or fire.
The battery fluid is flammable and could ignite, causing a fire, explosion, etc.

⚠ Caution

Don't

Do not swing the handset by its strap etc.
May hit you or others around you, resulting in an accident such as bodily injury.

Don't

Do not use a damaged handset.
May cause fires, burns, bodily injury, electric shock, etc.

Don't

For using a motion sensor and geomagnetic sensor, check the safety around, hold the handset and do not swing it more than necessary.
May cause an accident such as bodily injury.

Don't

If the display is broken and the internal substance etc. then leaks, do not get it on your skin (face, hands, etc.).
May result in loss of eyesight or harm to your skin.
If the internal substance etc. comes into contact with your eyes or mouth, immediately rinse the contacted area with clean water and seek medical treatment.
If it comes into contact with your skin or clothes, immediately wipe it off with alcohol etc., and rinse the contacted area with soap etc.

Don't

The surface of the display is covered with a protective film for ensuring the security (shatterproof property of reinforced glass panel) against any damages caused by the handset being dropped or receiving a strong impact etc. Do not remove the film forcibly or damage it.
Using the handset with the film removed may cause bodily injury if the display gets damaged.

Don't

Do not dispose of the handset in ordinary garbage.
May cause fires or damage to the environment. Take the unnecessary handset to a sales outlet such as a docomo Shop or follow the instructions by a local institution that handles used handsets.

Instruction

If you use the handset in a vehicle, contact the vehicle manufacturer or dealer to check whether the operation of the vehicle is affected by signals.
May interfere with the operation of electronic equipment in some vehicle models. In this case, stop using the handset.

Instruction

Use of the handset may cause itching, rashes, eczema, etc. depending on your constitution or health condition. If this occurs, immediately stop using the handset and seek medical treatment.
For details on materials of each part ☞P.7 "Material list"

Instruction

Look at the display in a well-lit place, keeping a certain distance from the screen.
Otherwise, eyesight may be weakened etc.

Instruction

If the battery fluid etc. leaks, do not get the liquid on your skin (face, hands, etc.).
May result in loss of eyesight or harm to your skin.
If the liquid etc. comes into contact with your eyes, mouth, skin or clothes, immediately rinse the contacted area with clean water.
If the liquid etc. comes into contact with your eyes or mouth, seek medical treatment immediately after rinsing the contacted area.

Handling adapters

⚠ Warning

Don't

Do not use if the cord of the adapter is damaged.
May cause fires, burns, etc.

Don't

Never use the adapter in humid locations such as a bathroom.
May cause fires, burns, electric shock, etc.

Don't

The DC adapter should only be used in negative grounded vehicles. Never use it in positive grounded vehicles.
May cause fires, burns, electric shock, etc.

Don't

Do not touch adapters if you hear thunder.
May cause electric shock etc.

Don't

Do not short-circuit the charger terminal when connected to an outlet or cigarette lighter socket. Also, do not allow any part of your body (hands, fingers, etc.) to come into contact with the charger terminal.
May cause fires, burns, electric shock, etc.

Don't

Do not place heavy objects on the cord of the adapter.
May cause fires, burns, electric shock, etc.

Don't

When plugging/unplugging an AC adapter into/from the outlet, do not allow metallic straps or other metallic objects to come into contact with the prongs of the plug.
May cause fires, burns, electric shock, etc.

Don't

Do not connect the voltage converter for overseas travel (travel converter) to the AC adapter.
May catch fire, or cause overheat, electric shock, etc.

Don't

Do not apply excessive force on the connection part with the adapter connected to the handset.
May cause fires, burns, bodily injury, electric shock, etc.

Don't

Never try to connect the microUSB plug when the handset or AC adapter is wet or dirty.
The AC adapter does not provide waterproof/dustproof performance though the handset provides them. Inserting the microUSB plug while the equipment is wet or dirty may cause short circuit when you charge the battery and lead to abnormal overheat, malfunction, fires or burns due to water, foreign object, etc. adhering to the handset or microUSB plug.

No wet hands

Do not handle the cord , charger terminal or power plug of the adapter with wet hands.
May cause fires, burns, electric shock, etc.

Instruction

Always use the specified power supply and voltage. When using overseas, use the AC adapter that is available overseas.
Using the incorrect power supply and voltage may cause fires, burns, electric shock, etc.
AC adapter: 100V AC (Connect only with a household AC outlet)
AC adapter available overseas: 100 to 240V AC (Connect only with a household AC outlet)
DC adapter: 12/24V DC (for negative grounded vehicles only)

Instruction

If the fuse in the DC adapter blows, always replace it with a specified fuse.
May cause fires, burns, electric shock, etc. if you use the fuse other than specified one. Refer to the respective manuals for information on specified fuses.

Instruction

Wipe off any dust on the power plug.
May cause fires, burns, electric shock, etc. if you use the power plug with dust adhering.

Instruction

Fully plug the adapter into the outlet or cigarette lighter socket.
May cause fires, burns, electric shock, etc. if you do not insert it securely.

Instruction

Always grasp the adapters when unplugging the power plug from the outlet or cigarette lighter socket. Do not apply excessive force on it such as pulling the cord of the adapter.
May cause fires, burns, electric shock, etc. since the cord of the adapter is damaged by pulling it.

Instruction

When plugging/unplugging an adapter into/from the handset, plug/unplug the adapter straightly toward the terminal to connect, not applying excessive force on it such as pulling the cord.
May cause fires, burns, bodily injury, electric shock, etc. if you do not plug/unplug it correctly.

Unplug

Unplug the power plug of the adapter from the outlet or cigarette lighter socket when not using.
May cause fires, burns, bodily injury, electric shock, etc. if you leave the power plug with plugging to the outlet or cigarette lighter socket.

Unplug

Should water or other liquids (drinking water, sweat, seawater, pet urine, etc.) enter the equipment, remove the power plug from the outlet or cigarette lighter socket.
May cause fires, burns, electric shock, etc.

Unplug

Always unplug the power plug from the outlet or cigarette lighter socket before cleaning the equipment.
May cause fires, burns, etc.

⚠ Caution

Don't

Do not touch an adapter for a long time when connected to an outlet or cigarette lighter socket.
May result in burns etc.

Handling docomo nano UIM card

⚠ Caution

Instruction

Be careful with the cutting surface when handling the docomo nano UIM card.
May result in bodily injury etc.

Handling near electronic medical equipment

⚠ Warning

Instruction

If you have electronic medical equipment such as an implanted cardiac pacemaker or an implanted cardioverter-defibrillator, always carry or use your handset at least 15 cm away from your implant.
Electromagnetic signals may have harmful effects on the operation of the electronic medical equipment.

Instruction

Patients receiving medical treatment away from a medical facility (e.g. home treatment) who are using electronic medical equipment other than implanted cardiac pacemakers or implanted cardioverter-defibrillators should consult the respective manufacturers etc. for information regarding the effects of signals on the equipment.
Electromagnetic signals may have harmful effects on the operation of the electronic medical equipment.

Instruction

If there is any chance that the distance between the handset and a person closest to you may get shorter than 15 cm such as when you cannot freely move around, set the handset not to emit radio wave in advance (by setting Airplane mode, turning the power off, etc.).
Somebody nearby may be equipped with electronic medical equipment such as an implanted cardiac pacemaker or an implanted cardioverter-defibrillator. Electromagnetic signals may have harmful effects on the operation of the electronic medical equipment.

Instruction

Follow the instructions given by the respective medical facilities regarding the use of the handset on their premises.

Material list

Handset

Part	Material/Surface treatment
Display side	Reinforced glass/Shatterproof sheet of surface
Surrounding area of display side	PA resin/UV coating for surface
Upper surface	PC + ABS resin/UV coating for surface
Bottom surface	PC resin/UV coating for surface

Part	Material/Surface treatment
Sides	PC + ABS resin/UV coating for surface
Back	PMMA + PC resin/Hard coating for surface
Surrounding area of back	PA resin/UV coating for surface
docomo nano UIM card slot	SUS/Ni plating
microSD Card slot	SUS/Ni plating
docomo nano UIM card/microSD Card slot cover	PC resin/UV coating for surface
Gasket of docomo nano UIM card/microSD Card slot cover	EPDM
Sticker indicating position for inserting microSD Card	PET resin/Printing on the back surface
Tray for inserting docomo nano UIM card	POM resin
IMEI plate	PET resin
Power key	Aluminum/Anodizing
Side key	Aluminum/Anodizing
Camera panel	PMMA + PC resin/Hard coating for surface
Decoration of camera	Aluminum/Anodizing
External connector terminal	SUS/Sn plating, Copper alloy/Gold plating
Strap pin	SUS/Ni plating

Handling precautions

General notes

- **SH-02H is waterproof/dustproof, however, do not allow foreign object such as liquids or dust to get inside the handset and do not allow foreign object such as liquids or dust to adhere to accessories or optional parts.**
  The adapter and docomo nano UIM card are not waterproof/dustproof. Do not use in humid or steamy areas such as bathrooms and avoid exposing to rain and other forms of moisture. If they are carried close to the skin, perspiration may cause internal components to corrode and result in malfunction. Note that if a problem is found to be due to moisture, the handset and parts are not covered by warranty and in some cases may be irreparable. Even when repairs are possible, repair charges will be incurred, since the damage is not covered by warranty.
- **Clean only with a soft and dry cloth (such as the type used for eyeglasses).**
  - Forceful rubbing of the display with a dry cloth etc. may scratch its surface.
  - Water drops, dirt, etc. left on the display may cause stains to form on its surface.
  - Never use chemicals such as alcohol, thinners, benzene or detergents, as these agents may erase the printing or cause discoloration.
- **Occasionally clean terminals with a dry cotton swab etc.**
  Dirty terminals may result in poor connections and loss of power or insufficient battery charge. Keep the terminals clean with a dry cotton swab etc.
  Be careful with the terminals while cleaning them.
- **Do not place the equipment near an air conditioning vent.**
  Condensation formed due to rapid changes in temperature may cause internal corrosion and lead to a malfunction.
- **Do not apply excessive force on the handset etc. when using it.**
  Carrying the equipment in a tightly packed bag or sitting on it put in your pocket may cause damage to the display, internal components, etc. or result in a malfunction.
  Keeping an external connector device plugged into the external connector terminal or earphone/microphone terminal may cause damage or a malfunction.
- **Do not rub or scratch the display with metal etc.**
  May scratch it and cause a malfunction or damage.
- **Read the respective user's guides supplied with supported optional parts carefully.**

Notes about the handset

- **Do not forcefully press the surface of the touch panel or operate with a pointed object such as a fingernail, ballpoint pen or pin.**
  May damage the touch panel.
- **Avoid using the handset in extremely high or low temperatures.**
  Use the handset within the range of a temperature between 5 ℃ and 35 ℃ and a humidity between 45% and 85%.
- **Using the handset close to land-line phones, TVs, radios, etc. may have harmful effects on the operation of such equipment. Move as far away as possible from such items before use.**
- **Keep a separate memo noting information stored on the handset.**
  DOCOMO shall not be liable for any loss of content.
- **Do not drop or otherwise subject the handset to severe impact.**
  May cause a malfunction or damage.

- **When connecting an external connector device to the external connector terminal or earphone/microphone terminal, do not put it in obliquely and do not pull it while it is plugged in.**
  May cause a malfunction or damage.
- **The handset becomes warm during use or charging but this is not a malfunction.**
- **Do not leave the camera in direct sunlight.**
  May cause discoloration or burn-in of pixels.
- **Use the handset with the docomo nano UIM card/microSD Card slot cover closed.**
  Dust, water, etc. may get inside and cause a malfunction.
- **While using a microSD Card, do not remove the card or turn off the handset.**
  May cause data loss or a malfunction.
- **Never place a magnetic card near the handset.**
  The stored magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.
- **Never place magnetized items near the handset.**
  Putting highly magnetized items closer may cause an error.
- **The internal battery is a consumable product.**
  Though the battery life varies with use, change the battery if the battery life is extremely short even after being fully charged. For details on replacing the internal battery, contact the number listed in "Repairs" (in Japanese only) on the last page or a repair counter that DOCOMO specifies.
- **Charge battery in areas where ambient temperature is between 5℃ and 35℃.**
- **The battery life depends on the usage and deterioration of the battery.**
- **Avoid the following situations when the handset is stored.**
  - Storage with the internal battery fully charged (immediately after charging is completed)
  - Storage with no battery level (cannot turn the handset on)

  May lower the performance or shorten the usable life of the internal battery.
  Approximately 40% is recommended as the proper battery level for storage.
- **The surface of the handset uses the aluminum material. Note that dent and abrasion are easily remained as aluminum is a soft material.**

Notes about adapters

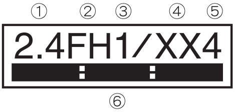
- **Charge the battery in areas where the ambient temperature is between 5℃ and 35℃.**
- **Do not charge the internal battery in the following locations.**
  - Areas with high humidity or dust, or in areas exposed to frequent vibrations
  - Close to land-line phones, TVs, radios, etc.
- **Adapters may become warm during charging but this is not a malfunction.**
- **Do not use the DC adapter to charge the battery when the car engine is not running.**
  May cause the car battery to run down.
- **When using an outlet with a feature to prevent the plug from being removed accidentally, follow the instructions in the outlet user's guide.**
- **Do not subject to strong impacts. Also, do not deform the charger terminals.**
  May cause a malfunction.

Notes about docomo nano UIM card

- **Do not apply unnecessary force when inserting/removing the docomo nano UIM card.**
- **Customer is responsible for malfunctions arising from inserting docomo nano UIM card into a different IC card reader/writer etc.**
- **Always keep IC area clean.**
- **Clean only with a soft and dry cloth (such as the type used for eyeglasses).**
- **Keep a separate memo and note information stored on the docomo nano UIM card.**
  DOCOMO shall not be liable for any loss of content.
- **To protect the environment, please take any unneeded docomo nano UIM cards to a sales outlet such as a docomo Shop.**
- **Do not damage, touch haphazardly or short-circuit the IC.**
  May cause data loss or a malfunction.
- **Do not drop or otherwise subject the docomo nano UIM card to severe impact.**
  May cause a malfunction.
- **Never bend the docomo nano UIM card or place heavy objects on it.**
  May cause a malfunction.
- **Do not insert the docomo nano UIM card to the handset with a label, sticker, etc. attached on the card.**
  May cause a malfunction.

Notes on using Bluetooth function

- **The handset supports the security function that meets the Bluetooth specification for security during communication using Bluetooth functions. However, the security may not be sufficient depending on the configuration etc. Take care of the security while making communication using Bluetooth function.**
- **Even if any leak of data or information occurs while making communication using Bluetooth function, DOCOMO shall not be liable for any loss of content.**
- **Radio frequencies**
  In the home screen, [▦] ▶ [Settings] ▶ [About phone] ▶ [Authentication] to confirm the radio frequencies the Bluetooth function of the handset uses. The followings are the descriptions:



  ① 2.4: This radio equipment uses the 2,400 MHz band.
  ② FH: The modulation system is the FH-SS system.
  ③ 1: The estimated coverage distance is 10 m or less.
  ④ XX: Another modulation system is used.
  ⑤ 4: The estimated coverage distance is 40 m or less.
  ⑥ ▬ : All radio frequencies between 2,400 MHz and 2,483.5 MHz are used and the frequencies for mobile object identifiers cannot be avoided.
- **Cautions on using Bluetooth devices**
  Bluetooth operates at radio frequencies assigned to the in-house radio stations for a mobile object identifier that have to be licensed and are used in production lines of a factory, specific unlicensed low power radio stations, and amateur radio stations (hereafter, referred to as "another radio station") in addition to industrial, scientific and medical devices or home electric appliances such as microwave ovens.
  1. **Before using the handset, make sure that "another radio station" is not operating nearby.**

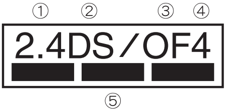
2. **If radio interference between the handset and "another radio station" occurs, avoid interference by moving immediately to another place or "turning off the power".**
3. **Contact the number listed in "General Inquiries" on the last page for further details.**

Notes about wireless LAN (WLAN)

- **Wireless LAN (WLAN) uses radio waves to communicate information. Therefore, it has an advantage of freely connecting to the LAN within the service area. On the other hand, if security setting is not set, it is possible for a malicious third party to intercept the communication contents or hack. It is recommended to set security setting at your own risk and judgement.**
- **Wireless LAN**

  Do not use wireless LAN near magnetic devices such as electric appliances or AV/OA devices or in radio waves.
  - Magnetism or radio waves may increase noises or disable communications (especially when using a microwave oven).
  - When used near TV, radio, etc., reception interference may occur or channels on the TV screen may be disturbed.
  - If there are multiple wireless LAN access points nearby and the same channel is used, sear ch may not work correctly.
- **Radio frequencies**

  In the home screen, [▦] ▶ [Settings] ▶ [About phone] ▶ [Authentication] to confirm the radio frequencies the WLAN-installed devices use. The followings are the descriptions:



① 2.4: This radio equipment uses the 2,400 MHz band.
② DS: The modulation system is the DS-SS system.
③ OF: The modulation system is the OFDM system.
④ 4: The estimated coverage distance is 40 m or less.
⑤ ▬▬▬: All radio frequencies between 2,400 MHz and 2,483.5 MHz are used and the frequencies for mobile object identifiers can be avoided.

Available channels for the handset's wireless LAN are between 1 and 13. Note that other channel access points cannot be connected. Available channels may vary depending on the country.
For use in an aircraft, contact the airline beforehand.

- **Cautions on using 2.4 GHz devices**

  WLAN-installed devices operate at radio frequencies assigned to the in-house radio stations for a mobile object identifier (radio stations requiring a license) used in production lines of a factory, specific low power radio stations (radio stations requiring no license), and amateur radio stations (radio stations requiring a license) in addition to industrial, scientific and medical devices or home electric appliances such as microwave ovens.

  1. **Before using this device, make sure that the in-house radio stations for a mobile object identifier, specific low power radio stations and amateur radio stations are not operating nearby.**
  2. **If the device causes harmful radio interference to the in-house radio stations for a mobile object identifier, immediately change the radio frequency or stop use, and contact the number listed in "General Inquiries" on the last page for crosstalk avoidance, etc. (e.g. partition setup).**
  3. **If the device causes radio interference to specific low power radio stations for a mobile object identifier or amateur radio stations, contact the number listed in "General Inquiries" on the last page for further details.**
- **Cautions on using 5 GHz devices**

  In the 5 GHz frequency band, three bands of 5.2 GHz/5.3 GHz/5.6 GHz band (W52/W53/W56) are available.
  - W52 (5.2 GHz band/36, 40, 44, 48 ch)
  - W53 (5.3 GHz band/52, 56, 60, 64 ch)
  - W56 (5.6 GHz band/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 ch)

  Using 5.2 GHz/5.3 GHz band wireless LAN (W52/W53) outdoors is prohibited by the Radio Law.

FeliCa and NFC reader/writer

- **The FeliCa, NFC reader/writer and P2P function of the handset use weak radio waves whose handling does not require a license of radio station.**
- **The frequency in use is the 13.56 MHz band. When another reader/writer or P2P function is being used nearby, keep enough distance from it. Make sure that there is no radio station using the same frequency band in the nearby area.**
- **For use in an aircraft, contact the airline beforehand. Use of the function may be restricted in some countries.**
  Check conditions such as regulations of the country/region to use the function.

Caution

- **Never use the handset that is modified. Using a modified device violates the Radio Law and/or the Telecommunications Business Law.**

  The handset follows the regulations regarding the certification of conformity with technical regulations for specific radio stations etc. based on the Radio Law and authentication of conformity with technical regulations for devices etc. based on the Telecommunications Business Law, and the "Technical Conformity Mark Ⓣ" can be displayed on the electronic nameplate of the handset as a proof. You can see it by operating as follows.
  In the home screen, [▦] ▶ [Settings] ▶ [About phone] ▶ [Authentication]
  If the screws of the handset are removed and a modification is given to the inside, the certification of conformity with technical regulations etc. will become invalid. Never use the handset without the valid certification etc. Doing so violates the Radio Law and/or the Telecommunications Business Law.
- **Be careful when using the handset while driving a motor vehicle.**

  Using the handset in hand while driving is regarded as a punishable act.
  However, the punishment has no application in some cases such as when rescuing sick and injured people or maintaining public safety.
- **The FeliCa and NFC reader/writer function of the handset conform to the domestic radio wave standards. When you use it overseas, check conditions such as regulations of the country/region in advance.**
- **Never change the basic software improperly.**

  This may be regarded as a conversion of software and repairs may be refused.

Waterproof/Dustproof

SH-02H is waterproof to IPX5[*1] and IPX8[*2] standards, and dustproof to IP6X[*3] standard if the docomo nano UIM card/microSD Card slot cover is securely closed.

*1 IPX5 means that phone keeps functioning after being subjected to a jet flow (12.5 liters/min) discharged from a nozzle (inner diameter: 6.3 mm), from all directions (approximately 3 m from the handset) for 3 minutes or more.

*2 IPX8 means that SH-02H phone keeps functioning after it is slowly submerged to depth of 1.5m in static tap water at room temperature, left there for approximately 30 minutes and then taken out.

*3 IP6X means the level of dust protection. Phone has the ability to prevent dust from entering inside after it is left in the device containing dust (diameter: 75 μm or smaller) for 8 hours, agitated and then taken out.

What you can do with waterproof/dustproof of SH-02H

- You can call without using an umbrella in the rain (for rainfall of approximately 20 mm per hour).
- You can rinse off dirt from the handset. Wash the handset with low-pressure water flow (6 liters/min or lower and tap water at room temperature (between 5℃ and 35℃)), holding it approximately 10 cm below faucet or shower head. Wash by using only your hands, not a brush or sponge, with the docomo nano UIM card/microSD Card slot cover held in position. Drain the handset before use (☞P.12 "Draining water when the handset gets wet").
- You can use the handset at a poolside. Do not throw water in a swimming pool on the handset or soak the handset in the water of a swimming pool.

Things to keep in mind

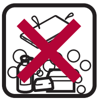
To maintain waterproof/dustproof performance, check the followings.

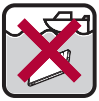
- Securely close the docomo nano UIM card/microSD Card slot cover. Be careful not to apply excessive force on the rubber gasket when opening and closing.
- Make sure that the docomo nano UIM card/microSD Card slot cover is completely closed without floating.
- To maintain waterproof/dustproof performance, the handset has the docomo nano UIM card/microSD Card slot cover that allows you to close securely. Note that opening it forcibly may cause injuries to your nails, fingers, etc.
- For details on how to open/close the docomo nano UIM card/microSD Card slot cover ☞P.14 "Inserting docomo nano UIM card"

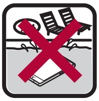
- To maintain waterproof/dustproof performance, replacement of parts is recommended every 2 years regardless of whether the handset appears normal or abnormal. DOCOMO replaces the parts as a chargeable service. Bring the handset to a repair counter that DOCOMO specifies.

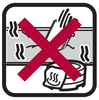
Precautions

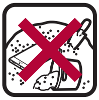
- When your hands are wet or water/foreign object adheres to the handset, do not open/close the docomo nano UIM card/microSD Card slot cover.
- Close the docomo nano UIM card/microSD Card slot cover securely. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow liquids or dust to get inside.
- If the handset gets wet with water or other liquids with the docomo nano UIM card/microSD Card slot cover opened, the liquid may get inside causing electric shocks or malfunction. Stop using the handset, turn off the power and contact a repair counter that DOCOMO specifies.
- The rubber gasket of the contact surface between the main body and docomo nano UIM card/microSD Card slot cover plays an important role in maintaining waterproof/dustproof performance. Do not remove or scratch it. Also, prevent dust from adhering to it. If the rubber gasket is damaged or deformed, replace it at a repair counter that DOCOMO specifies.
- Do not insert a pointed object through the docomo nano UIM card/microSD Card slot cover gaps. It may cause damage to the rubber gasket and allow liquids or dust to get inside.
- Do not use the handset underwater (including key operations). May cause a malfunction.
- Do not directly apply water flow stronger than allowed (over 6 liters/min). May cause malfunction though SH-02H provides waterproof performance of IPX5.
- Do not let the handset get wet with liquids other than water at room temperature (between 5℃ and 35℃) or do not soak the handset in the liquids. If you let the handset get wet with liquids other than water at room temperature or soak the handset in the liquids, stop using the handset and wash it with water at room temperature.
- Do not wash the handset in a washing machine etc.
- To prevent condensation, do not bring the handset from a cold place to a warm place without letting the handset warmed to room temperature.
- Never soak the handset in hot spring water or water containing soap, detergent or bath powder.
- Do not soak the handset in hot water, use it in a sauna or apply hot air (from a hair dryer etc.) to it.
- Do not soak the handset in seawater.
- Do not put the handset directly on sand/dirt.
- If foreign object such as salt water, seawater, drink, seasoning, food, dirt, soil, etc. adheres to the handset, rinse it off immediately.
  If it becomes dry and hard, it is difficult to remove it and may cause damage or malfunction.
- Do not leave the handset wet. In cold places, water may freeze and cause malfunction.
- The handset does not float on water.
- Do not let the handset fall. It may become scratched and cause the waterproof/dustproof performance to degrade.
- Do not leave water on the mouthpiece, earpiece, speaker, microphone or earphone/microphone terminal. Such water may interfere with talking.
- Do not poke the mouthpiece, earpiece, speaker, microphone, external connector terminal, earphone/microphone terminal, etc. with a pointed object.
- Do not insert an earphone/microphone to the handset while the handset is wet. May cause a malfunction.
- Accessories and optional parts are not waterproof/dustproof. Do not use it in rooms where water is regularly in use such as bathroom, shower room, kitchen or lavatory.


Soap/Detergent/
Bath powder


Seawater


Swimming
pool


Hot spring


Sand/Dirt

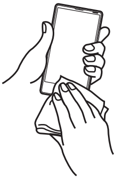
- DOCOMO does not guarantee actual operations under all states. Malfunctions deemed to be caused by inappropriate operation by the customer are not covered by the warranty.

Draining water when the handset gets wet

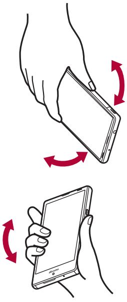
When the handset is wet, water may flow out after wiping it off. Drain the water by following the steps below.

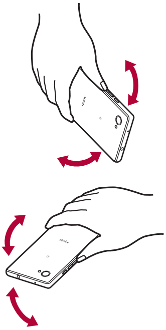
1 Wipe off water on the handset surface with dry and clean cloth etc.

- If a strap is attached, dry the strap as well.



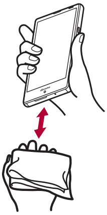
2 Shake the handset approximately 20 times, securely holding it, until there is no more water splattering

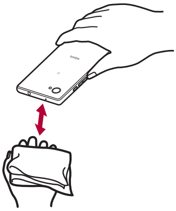

To drain water off the speaker, shake the handset with the speaker turned down


To drain water off the earpiece, shake the handset with the earpiece turned down

3 Softly press the handset against dry and clean cloth etc. to wipe off water remaining in the grooves of the mouthpiece, earpiece, speaker, microphone, keys, external connector terminal, earphone/microphone terminal, strap hole, etc.

- Pat the opening with cloth etc. to remove water because there may be any water remaining in the grooves of each part.





4 Wipe off water oozing from the handset with dry and clean cloth etc. and leave it for a while to dry it

- Water, if any, remaining in the main body may ooze after wiping off.
- Pat the opening with cloth etc. again to remove water because you may not be able to hear sounds well if drainage is insufficient.

Charging

Accessories and optional parts are not waterproof/dustproof. Check the followings before and after charging.

- Make sure that there is no water or foreign object on the handset. If foreign object adheres to the handset, immediately rinse it off. Also, if the handset is wet or after the handset is wet, adequately drain it and wipe off water with dry and clean cloth etc. then leave it for a while to dry it before opening the docomo nano UIM card/microSD Card slot cover.

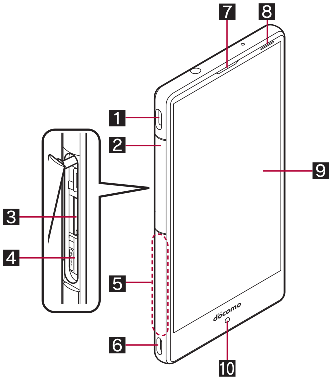
Warning

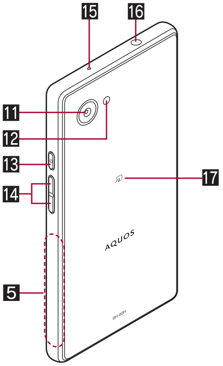
Never try to connect the microUSB plug when the handset is wet or foreign object adheres to the handset.

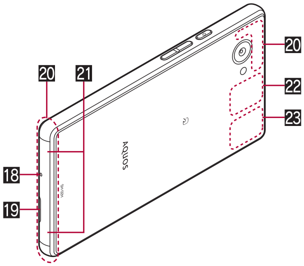
- The AC adapter (sold separately) does not provide waterproof/dustproof performance though the handset provides them. Inserting the microUSB plug while the equipment is wet or dirty may cause short circuit when you charge the battery and lead to abnormal overheat, malfunction, fires or burns due to water, foreign object, etc. adhering to the handset or microUSB plug.
- Do not touch an AC adapter with your hands wet. May cause electric shock.
- Do not use the AC adapter in a place subject to water. Do not use it in rooms where water is regularly in use such as bathroom, shower room, kitchen or lavatory. May cause fires or electric shock.

Before Using the Handset

Part names and functions







1 External connector terminal

2 docomo nano UIM card/microSD Card slot cover

3 docomo nano UIM card slot

- The tray for inserting the docomo nano UIM card is stowed.

4 microSD Card slot

5 Grip sensor

6 Strap hole

7 Earpiece

8 Proximity sensor/Brightness sensor[1]

- The proximity sensor detects the distance to the face and prevents inadvertent operation of touch panel during a call.
- The brightness sensor detects the brightness of the surrounding area and adjusts the brightness of the backlight.

9 Display/Touch panel[2]

10 Front camera

11 Back camera

12 Mobile light

13 ▯(⏻): Power key

- Use to turn the power on/off, etc.
- Use to turn the display on/off.

14 ▯(+)/▯(−): Volume UP/DOWN key

- Adjusts the volume in each function.

15 Microphone

- Use when recording videos.
- Use to measure ambient noises for communicating by making your voices sound clear when using Clear talk.

16 Earphone/Microphone terminal

17 mark

- IC card is contained (It cannot be removed).

18 Mouthpiece/Microphone

- Use as a microphone when recording videos or talking to emopa.

19 Speaker

- Ringtone, music, etc. can be heard from here.
- The other party's voice can be heard from here during a hands-free call.

20 FOMA/Xi antenna[3]

21 Incoming/Charging lamp

22 1Seg antenna[3]

23 Wi-Fi/Bluetooth/GPS antenna[3]

[1] Do not cover the sensor area with your hand or paste a sticker etc. on the sensor area. The sensor may not work properly.

[2] If the handset is equipped with a commercially available corresponding flip cover, you can turn the display on/off by opening/closing the flip cover. If you close the equipped flip cover obliquely, the display may not be turned off.

[3] The antenna is built into the main body. Covering the antenna area with your hand may influence the quality.

Microphone

- When using functions which support the microphone, do not cover the hole of the microphone.

docomo nano UIM card

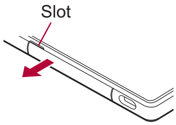
A docomo nano UIM card is an IC card that records personal information, such as your phone number.

- You cannot use functions such as the phone or packet communication without inserting a docomo nano UIM card.
- In Japan, you cannot call to the emergency number (110, 119 or 118) without inserting a docomo nano UIM card.
- A docomo nano UIM card has a security code called PIN code (☞P.72 "PIN code").
- The handset supports only docomo nano UIM card. If you have a docomo mini UIM card, UIM or FOMA card, bring it to a docomo Shop to replace.
- Before inserting or removing the docomo nano UIM card, turn off the power. Hold the handset securely with your hand.

■ Inserting docomo nano UIM card

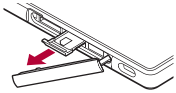
1 Open the docomo nano UIM card/microSD Card slot cover

- Hook the tip of a finger into the slot to open.

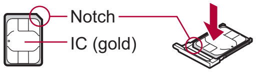


2 Remove the tray from the docomo nano UIM card slot

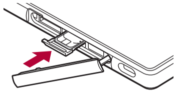
- Hook the tip of a finger into the tray to remove it by slowly pulling it straight out.



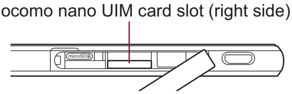
3 Hold the docomo nano UIM card with the IC (gold) side turned up and set it on the tray



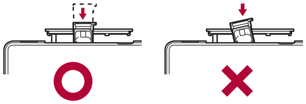
4 Insert the tray slowly into the docomo nano UIM card slot



- The docomo nano UIM card slot is at the right of the microSD Card slot. When you insert the tray, be careful not to insert it to the microSD Card slot.

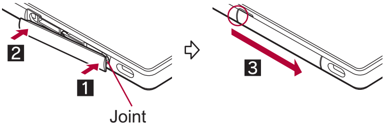


- Do not forcibly insert the tray at an angle or with the wrong side up. The docomo nano UIM card slot or tray may be damaged.



5 Close the docomo nano UIM card/microSD Card slot cover

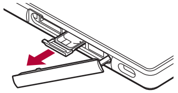
- Stow the joint of the docomo nano UIM card/microSD Card slot cover (❶) and push the cover in the direction of the arrow to close it so that gaps are not left between the handset and the cover (❷). When closing it, push securely like tracing it from ○ areas to the joint (❸).



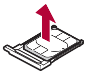
■ Removing docomo nano UIM card

1 Open the docomo nano UIM card/microSD Card slot cover

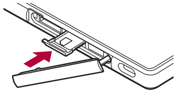
2 Remove the tray from the docomo nano UIM card slot



3 Remove the docomo nano UIM card from the tray



4 Insert the tray slowly into the docomo nano UIM card slot



5 Close the docomo nano UIM card/microSD Card slot cover

- Do not allow the docomo nano UIM card or tray to fall when removing them.
- Make sure not to touch or damage the IC (gold) of the docomo nano UIM card when handling it. Also, note that inserting or removing the docomo nano UIM card forcibly may damage it or deform the tray.
- Refer to the docomo nano UIM card user's guide for more information on the docomo nano UIM card.
- Do not misplace the docomo nano UIM card once it is removed.

IMEI plate

- A plate on which the IMEI number (International Mobile Equipment Identifier) is printed is stowed near the docomo nano UIM card slot. The IMEI number is required when you contact a repair counter that DOCOMO specifies, so do not pull it out.
- Note that pulling out the IMEI plate forcibly or adding forces on it may damage the plate.
- If you accidentally pull out the IMEI plate, slowly return the IMEI plate to the original position while taking care not to insert it too deep.

Charging

The internal battery is not fully charged at the time of purchase. Be sure to charge the battery before use.

Cautions while charging

- For details on the estimated charge time ☞P.92 "Main specifications"
- The battery can also be charged with the handset turned on (While charging, the battery icon appears with [⚡] superimposed).
- Do not charger for a long time with the power left turned on. If the handset is left turned on after charging is complete, the internal battery charge level decreases.
  In this case, an AC or DC adapter (sold separately) charges the battery again. However, depending on the time when the handset is disconnected from the AC or DC adapter, the battery charge level may be low or the battery may only be usable for a short time.
- If the handset is left for a long time even after the charging is completed, the battery level may decrease.
- When the battery is empty and the handset is being charged, the charging lamp may not illuminate immediately. However, charging is in progress.
- If the battery empty alert is displayed and the power cannot be turned on, charge the battery for a while.
- While charging, the handset may not be turned on even when the charging lamp is illuminated in red. Charge longer and try turning the power on again.
- Frequently recharging the battery when its power is still remaining enough may shorten the usable life of the internal battery. It is recommended to use the battery to a certain level (e.g. after the battery level decreases) before recharging.
- When the battery becomes warm, charging may automatically stop even if the battery has not been fully charged. Charging automatically resumes after the temperature lowers to an appropriate temperature.

Estimated battery life when fully charged

Continuous talk time	FOMA/3G Approx. 820 min. GSM Approx. 710 min. VoLTE (Voice call) Approx. 1,150 min
Continuous stand-by time	FOMA/3G At rest: Approx. 510 hr (Preferred network type: LTE/3G/GSM(Auto)) GSM At rest: Approx. 390 hr (Preferred network type: LTE/3G/GSM(Auto)) LTE At rest: Approx. 460 hr (Preferred network type: LTE/3G/GSM(Auto))
1Seg watching time	Approx. 510 min.

- For details on the battery life ☞P.92 "Main specifications"

Internal battery usable life

- Internal battery is a consumable product. Battery life per charge is gradually reduced every time the battery is charged.
- When battery life per charge is reduced to approximately half of the default time, this means that the internal battery is approaching the end of its usable life. In this case, it is recommended to replace the battery as soon as possible. For details on replacing the internal battery, contact the number listed in "Repairs" (in Japanese only) on the last page or a repair counter that DOCOMO specifies.
- If you watch 1Seg etc. while charging for a long time, the usable life of the internal battery may become shorter than estimated.

Li-ion00

AC adapter and DC adapter

- Refer to user's guide of AC Adapter 05 (sold separately) or DC Adapter 04 (sold separately).
- AC Adapter 05 covers from 100 to 240 V AC.
- The shape of the plug for the AC adapter is for 100V AC (for domestic use). To use the AC adapter of 100 to 240V AC overseas, a conversion plug adapter applicable to your country of stay is required. Do not use a voltage converter for overseas travel to charge the battery.

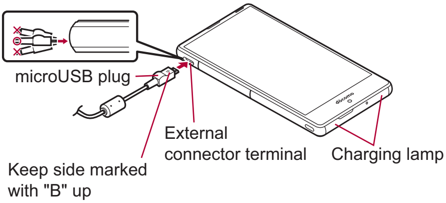
Charging with AC adapter/DC adapter

[Read the user's guides of AC Adapter 05 (sold separately) and DC Adapter 04 (sold separately)]

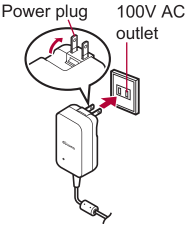
- Following operations describe how to charge with AC Adapter 05 or DC Adapter 04.

1 Inset the microUSB plug of the AC adapter/DC adapter horizontally into the external connector terminal on the handset with the side marked with "B" turned up

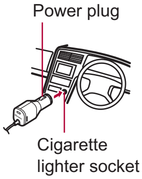
- Check the direction (front or rear) of the microUSB plug and insert it horizontally.



2 When you erect the AC adapter power plug and insert it into an outlet or insert the DC adapter power plug into a car cigarette lighter socket, the charging lamp illuminates and charging starts



AC adapter

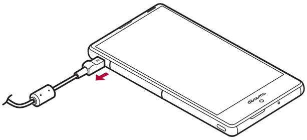


DC adapter

3 When charging is complete, the charging lamp turns off

4 Remove the AC adapter power plug from the outlet, or remove the DC adapter power plug from the car cigarette lighter socket

5 Remove the microUSB plug of the AC adapter/ DC adapter horizontally from the external connector terminal



- Note that inserting or removing the equipment forcibly may cause damage to the external connector terminal and the microUSB plug or result in a malfunction.

When using a DC adapter

- The DC adapter should only be used in negative grounded vehicles (12 and 24V DC).
- Do not use with the car engine shut off. May drain the car battery.
- The DC adapter fuse is a consumable product. For replacement, purchase a new fuse at a nearest auto parts retailer etc.
- Refer to the user's guide of DC Adapter 04 for details.

Charging with Micro USB Cable 01

You can charge the handset by connecting the handset to a PC with Micro USB Cable 01 (sold separately).

- For details on connecting to a PC ☞P.81 "Connecting the handset and PC"

Turning power on/off

Turning power on

1 ▯(⏻) (for at least 2 seconds)

- When you turn the power on for the first time, make the initial settings (☞P.22 "Initial settings").

Turning power off

1 ▯(⏻) (for at least 1 second) ▶ [Power off] ▶ [OK]

Turning power off forcibly

You can forcibly turn the power off if the screen does not respond or the power cannot be turned off.

1 ▯(⏻) (for at least 8 seconds)

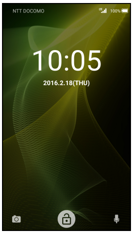
- Release your finger after the vibrator is activated to turn the power off.

Turning display on/off

The display is turned off when ▯(⏻) is pressed or the handset is not in use for a set length of time.
Press ▯(⏻) while the display is turned off to turn it on.

Touch panel lock

When the power or the display is turned on, the touch panel is locked.
Touch [🔒] to unlock.



Operations in touch panel lock screen

- To set/disable the manner mode: ▯(−) (for at least 2 seconds)
- To turn on/off the mobile light: ▯(+) (for at least 2 seconds)
- To activate SH Camera: [📷]
- To activate しゃべってコンシェル (Shabette-Concier): [🎙]
- To display the detailed information on notifications: Drag the clock down
- To display the status panel: Drag the status bar down

- The notifications are displayed in the lock screen of the touch panel. You can make settings for displaying of notifications in [When device is locked] (☞P.64 "Sound/notification").
- If you set [エモパー設定] (emopa settings) to ON, various information delivered by emopa is displayed under the clock. Depending on the information, you can check the related information or details by touching it twice.
  Also, in the place emopa memo is enabled, you can use emopa memo in the lock screen of the touch panel.
  ・For details on emopa ☞P.67 "emopa"

Mobile light

- The mobile light may be automatically turned off if you use the handset for a long time or the handset becomes warm after the mobile light is turned on. Also, you may not be able to use the mobile light if the handset is warm.

Basic operation

The followings describe basic operations of the handset such as operations of the touch panel and navigation keys, and operations for shooting screenshot.

Operation of touch panel

The followings describe the operations to use the display (touch panel).

- Operations may differ depending on the function and screen in use.

Cautions when using the touch panel

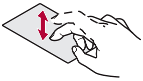
- The touch panel is designed to be lightly touched with your finger. Do not forcefully press with your finger or a pointed object (fingernail, ballpoint pen, pin, etc.).
- In the following cases, the touch panel may not work even if you touch it. May cause a malfunction.
  - Operation with a gloved finger*
  - Operation with the tip of a fingernail
  - Operation with foreign objects placed on the operation pad
  - Operation on the touch panel on which a protective sheet, sticker, etc. is put
  - Operation while the touch panel is wet
  - Operation with fingers wet with sweat, water, etc.
  - Operation under water

* When [glove mode] is set to ON, you can operate the touch panel with gloves on (☞P.65 "Display").

- Operations may be interrupted if you touch an area other than a confirmation screen or the status bar while the confirmation screen etc. is displayed.

Touch

Touch a key or an item displayed on the screen and then release your finger from it to select or set it.

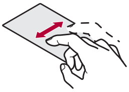


Touch and hold

When you keep your finger on the touch panel, a menu may appear depending on the function and screen in use.

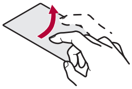
Slide (Swipe)/Drag

Move your finger while keeping it on the touch panel to scroll the screen or move an icon, a widget, etc. to the desired position.
In addition, when you touch a menu or an item by mistake, move your finger away from it to cancel the selection.



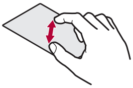
Flick

Move your finger like sweeping the touch panel in the home screen etc. to switch pages.



Pinch out/Pinch in

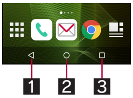
You may be able to zoom the screen in/out etc. by putting two fingers on the touch panel and moving them with putting a distance between two fingers apart (pinch out)/closer (pinch in) depending on the function and screen in use.



Operation while using function

Navigation keys

Use the navigation keys displayed at the bottom of the screen to perform the basic operations.



1 ◁/▽: Back key/Close key

- Return to the previous screen.
- Close the keyboard.

2 ○: Home key

- Display the home screen.

3 □: Recent Apps key

- Display Quick Launcher or Recent Apps (☞P.27 "Quick Launcher", P.28 "Recent Apps").

Using user-aid function

You can quickly activate a corresponding app by sliding a navigation key up.

1 Slide any of the navigation keys up ▶ slide it to the left/right until [Google] is displayed

- If there are multiple apps supporting the user-aid function, [🔍] is displayed and you can select an app to activate.

Full-screen shrink mode

You can reduce the screen to operate the handset with one hand.

1 Slide any of the navigation keys up ▶ slide it to the left/right until [▯]/[▯] is displayed

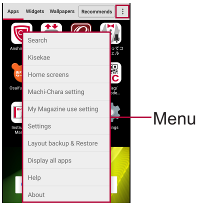
- Repeat the same operation as that done when reducing the screen to return it to the original size.
- Touch [⚙] to move the reduced screen or change the size.

- You may not be able to reduce the screen depending on the screen being displayed.
- The Full-screen shrink mode is disabled if you switch to horizontal display or the display is turned off while the Full-screen shrink mode is set.

Retrieving menu

When you touch [⋮]/[⋮]/[⋮] etc., slide the left edge of the screen to the right or touch and hold the screen, functions (menus) available in that screen appear.

Example: App list screen

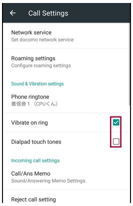


Switching the settings

When a check box etc. is displayed beside the setting item, you can set it enabled/disabled or ON/OFF by touching it.

Example: Call settings screen, Backup & reset screen

- [☑]: Enabled, [☐]: Disabled



Call Settings

Network service
Set docomo network service

Roaming settings
Configure roaming settings

Sound & Vibration settings

Phone ringtone
着信音 1 （CPUくん）

Vibrate on ring ☑

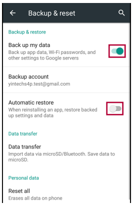
Dialpad touch tones ☐

Incoming call settings

Call/Ans Memo
Sound/Answering Memo Settings.

Reject call setting

- [●]: ON, [○]: OFF



Backup & reset

Backup & restore

Back up my data ●
Back up app data, Wi-Fi passwords, and other settings to Google servers

Backup account
yintechs4p.test@gmail.com

Automatic restore ○
When reinstalling an app, restore backed up settings and data

Data transfer

Data transfer
Import data via microSD/Bluetooth. Save data to microSD.

Personal data

Reset all
Erases all data on phone

■ Vertical/Horizontal display

The screen display is switched when you tilt the handset.

- Vertical/Horizontal display may not be switched even if the handset is turned depending on the screen being displayed.
- Vertical/Horizontal display is not switched if the handset is turned while it is positioned parallel to the ground.
- The screen display may not be switched properly when a sound or a vibration is being activated.
- Vertical/Horizontal display may not be switched properly right after the display or power is turned on.
- You can set the display not to automatically switch (☞P.18 "Grip Magic", P.65 "Display").
- Screens may be displayed in the full screen depending on the app when you switch from vertical display to horizontal display.

Shooting screenshots

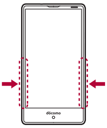
Hold ▯(⏻)+▯(−) down for at least 1 second to shoot the screen being displayed as an image.

- Shot images are saved on the handset memory and you can check them by using Album etc.
- Alternatively, you can shoot the screenshot by using Clip Now (☞P.68 "Clip Now").

- Data cannot be saved while displaying1Seg, home network, e-books, etc.
- Data may not be saved completely or partially depending on the app.

Grip Magic

You can turn the display on, minimize the ringtone volume and activate the vibrator, etc. using function of Grip sensor.



1 In the home screen, [▦] ▶ [Settings] ▶ [Useful] ▶ [Grip magic]

- The notification icon for Grip Magic appears on the status bar by default. You can make settings for Grip Magic by opening the status panel and touching the notification.

2 Set to On

3 Select an item

- ■ Turn screen on by holding: Set whether to turn the display on when you hold the handset while the display is turned off.
- ■ Volume down for incoming calls: Set whether to minimize the ringtone volume and activate the vibrator by holding the handset during an incoming call.
- ■ Deterrence rotate screen: Set whether to keep the screen displayed vertically while holding the handset.
- ■ Notify by vibrating: Set whether to notify you with vibration if you hold the handset while it has a notification icon and the display is turned off. Also, you can set how often you are notified or of which app you are notified.
- ■ Putting cover setting: Specify whether the handset is equipped with a cover or not.
- ■ Let's Try!: Try functions or check how to use with a video tutorial by using "Let's Try!".

- Grip sensor (☞P.13 "Part names and functions") responds when you touch both the right and left sides. Hold the handset with the both sides touched to use Grip sensor since Grip sensor does not respond when you touch only one side. Also, when you release your fingers, keep your fingers away from both sides of the sensor. Letting your fingers remain touching only one side keeps the sensor responding.
- You can also use [Simple secrecy for incoming calls] which enables you to hide the other party's name and image until holding the handset when receiving a call (☞P.38 "Call settings/Other").

[Turn screen on by holding]

- If the proximity sensor is covered with a hand, an object, etc., the display cannot be operated by touching to prevent inadvertent operations although the display is turned on. Also, the display may be turned off regardless of the setting of the handset.
- The display may not be turned on even when you hold the handset immediately after the display is turned off by pressing ▯(⏻).

[Deterrence rotate screen]

- This function may not follow the setting depending on the app in use.

[Notify by vibrating]

- When you delete notification icons or open the status panel, the vibrator is not activated.

[Putting cover setting]

- When you set Putting cover setting to [Covered], equip the handset with a cover in advance.

Cautions when using Grip Magic

- In the following cases, Grip Magic may not work properly. May cause a malfunction.
  - ■ Operation with a gloved finger
  - ■ Operation while the handset is equipped with a cover etc.*
  - ■ Operation while the handset is wet
  - ■ Operation while a metallic object touches the sensor

* Depending on the cover, you may be able to use Grip Magic with the handset equipped with it. Set Putting cover setting to [Covered] after equipping the handset with the cover.

Emergency mode

You can save the internal battery by restricting settings and functions on the handset.

1 ▯(⏻) (for at least 1 second) ▶ [Emergency mode] ▶ [OK]

- The handset restarts and it switches to Emergency mode.

■ Disabling Emergency mode

1 ▯(⏻) (for at least 1 second) ▶ [Emergency mode] ▶ [OK]

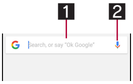
- Alternatively, in the Emergency mode screen, [Stop saving] ▶ [OK] to disable Emergency mode.
- The handset restarts and Emergency mode is disabled.

Searching information on the handset and websites

1 In the home screen, select "Google" folder ▶ [Google]

- If the confirmation screen for Google Now™ is displayed, check the content, follow the instructions on the screen and operate.
- Quick search box appears.

2 Enter the keyword



1 Search box

- ● Enter the keyword to search with.
- ● When the keyword is entered, apps, data, etc. whose names start with the entered characters are searched and displayed as a list.

2 Switch to Voice Search

- ● Alternatively, say "Ok Google" at the microphone to switch to Voice Search.
  - ・When [Search, or say "Ok Google"] is displayed in the search box etc., the operation is available.

3 Select a search result

- When a search result is an app, the corresponding app is activated.
- If [Images] etc. is displayed, you can search by selecting a genre.
- When you cannot see search results hidden behind the keyboard, touch [▽] to close the keyboard.

- ● When [☰] is displayed in the search results screen etc., touch [☰] to set the search.

Character entry

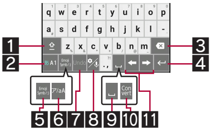
You can enter characters using the QWERTY keyboard, 12 keyboard, voices and kuten codes.

- ● When entering characters, touch [⌨] at the bottom of the screen to set the input software to use. The explanations are based on the case when [S-Shoin] is set here.

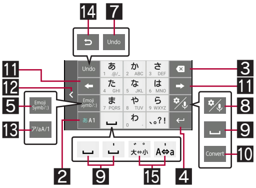
Keyboard layouts

- ● You can use the following two types of the keyboards.

QWERTY keyboard	You can enter a displayed character by touching the character entry key. Use romaji for entry.
12 keyboard	Several characters are assigned to one character entry key. Enter characters by flicking a character entry key up/down or to the left/right. ● You can enter characters by touching a character entry key until a character which you want to enter is displayed.



QWERTY keyboard



12 keyboard

※Each key may change depending on the settings and the condition.

1 Shift key

- ● Touch to switch between upper/lower case characters etc.
  - ・When [⇧] is displayed, lower case characters are entered. When [⇧] is displayed, the first character to be entered becomes upper case one. When [⇧] is displayed, upper case characters are entered.
  - ・Symbols that can be entered using the keyboard change when you switch the upper/lower case characters.

2 Input mode switching key

- ● Switch input modes.
  - ・Touch to switch input modes in the order of Half Numeric → Hiragana/Kanji → Half Alphabet. Slide to the right to switch input modes in the order of Hiragana/Kanji → Half Numeric → Half Alphabet.
  - ・Slide up to select an input mode other than Hiragana/Kanji, Half Alphabet and Half Numeric as well.
  - ・The keyboard set in each input mode is displayed.

3 Delete key

- ● Delete characters displayed in a direction set in Delete key behavior.

4 Enter key

- ● Insert a line feed.
- ● Determine the entered characters.
- ● Execute operations entered in an entry field such as the search box.
- ● Move to the next entry field.
- ● Touch and hold to close the keyboard.

5 Symbol key

- Display the pictogram/Deco-mail pictogram/symbol/emoticon list.
  - ・You cannot enter these symbols in some apps.
- Slide to the right to display Quote apps list.

6 Katakana and alphabet key

- Display katakana of the entered characters or conversion candidates (katakana and alphabet conversion candidates) of alphabets or symbols assigned to a touched key.
- Slide to the right to display Quote apps list.

7 Undo key

- Undo the previous operation.

8 Setting key

- Display setting menu.

9 Space key

- Enter a space.

10 Conversion key

- Convert the input characters.

11 Cursor key

- Move the cursor or change the range of characters to be converted.

12 Move position

- Touch [≪]/[≫] to move the keyboard, conversion candidates field, etc. to the left/right.

13 Katakana and alphanumeric key

- Display katakana of the entered characters or conversion candidates (katakana and alphanumeric conversion candidates) of alphanumerics or symbols assigned to a touched key.
- Slide to the right to display Quote apps list.

14 Reverse toggle key

- Display characters assigned to the same key in the inverse order.

15 Character switching key

- Touch to switch the upper/lower case characters.
- Touch to add dakuten/handakuten.

■ Switching keyboards

Example: In Hiragana/Kanji input mode on vertical display

1 In the character entry screen, [⚙🎙] ▶ [Input UI] ▶ [QWERTY keyboard]/[12 keyboard]

- Alternatively, slide [⚙🎙] up to switch keyboards.

Setting character entry

■ Display/Layout

1 In the character entry screen, [⚙🎙] ▶ [Display / Layout]

2 Select an item

- ■ Keyboard layout: Make settings for the keyboard size, the number of lines of the conversion candidates field, alignment, the key top guides and design.
- ■ Emoji/Symbol list rows: Set the number of columns of pictograms list/symbols list.
- ■ Key input guide: Set whether to zoom in the selected key and to display the guide of flick input.
- ■ Software keyboard display setting: Set whether to display the character entry screen when you connect a commercially available keyboard using the Bluetooth function etc. and enter characters.

■ Input assistance

1 In the character entry screen, [⚙🎙] ▶ [Input assistance]

2 Select an item

- ■ Flick sensitivity: Set the sensitivity of the keyboard for when selecting characters with flick input.
- ■ Guide display speed: Set how fast the guide is displayed while entering characters with flick input.
- ■ Toggle input: Set whether to use the toggle input.
- ■ Sound on key press: Set whether or not to enable operation sounds of entering characters.
- ■ Vibrate on key press: Set whether to activate the vibrator when entering characters.
- ■ Vibration time on key press: Set how long Vibrate on key press keeps the vibrator activated.
- ■ Voice input provider: Set where to connect when using the voice input.
- ■ Delete key behavior: Set the operations of the delete key.
- ■ Romaji input assistance: Set to prevent unnecessary keys from being touched when entering Japanese with romaji.
- ■ Auto cursor move: Set the speed for the cursor to automatically move to the right side after entering characters.
- ■ Emoji/Symb/:) continuous input: Set whether to keep the pictogram/symbol/emoticon list displayed after selecting a candidate from it.

[Delete key behavior]

- When the cursor is on a character, delete the character. When [Left-delete (Backspace)] is set and the cursor is at the beginning of a text, you can delete characters on the right side of the cursor. When [Right-delete (Clear)] is set and the cursor is at the end of a text, you can delete characters on the left side of the cursor.

■ Conversion

1 In the character entry screen, [⚙🎙] ▶ [Other settings] ▶ [Conversion]

2 Select an item

- ■ Word prediction: Set whether to use word predictive conversion.
- ■ Next word guess: Display relational predictive candidates immediately after an entry is determined.
- ■ Wildcard prediction: Set whether to use wildcard prediction.
- ■ Typing error correction: Set Typing error correction.
- ■ Beginning prediction for mail: Display text candidates to use at the beginning of a message when entering the message for a mail.
- ■ Internet conversion engine: Display conversion candidates by using a conversion engine on the Internet.
- ■ Auto capitalization: In half-width alphabet entry, enter an initial character at the head of a text with upper case one.
- ■ Auto space input: In half-width alphabet entry, automatically insert a half-width space after selecting an English word.

[Auto capitalization]

- This function may not follow the setting depending on the app in use.

■ Dictionary

1. **In the character entry screen, [⚙/🎤] ▶ [Other settings] ▶ [Dictionary]**
2. **Select an item**
   - ■ User dictionary: Edit words in the user dictionary.
   - ■ Download dictionary: Register/Cancel/Delete download dictionaries.
   - ■ Update conversion dictionary: Update or download conversion dictionaries.
   - ■ Contacts name collaboration: Add name data of the phonebook to the dictionary or reset the name data in the dictionary.

■ Slide operation

1. **In the character entry screen, [⚙/🎤] ▶ [Other settings] ▶ [Slide operation]**
2. **Select an item**
   - ■ Upward slide: Set the operations available when you slide the keyboard from its bottom to top.
   - ■ Downward slide: Set the operations available when you slide the keyboard from its top to bottom.
   - ■ Rightward slide: Set the operations available when you slide the keyboard from its left edge to right edge.
   - ■ Leftward slide: Set the operations available when you slide the keyboard from its right edge to left edge.

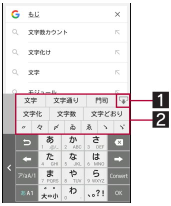
■ Reset

1. **In the character entry screen, [⚙/🎤] ▶ [Other settings] ▶ [Reset]**
2. **Select an item**
   - ■ Set the default settings: Reset settings of S-Shoin.
   - ■ Clear learning dictionary: Reset the learning dictionary.
   - ■ Reset facemark list: Reset the contents of the emoticon list.

Entering characters

Example: When entering "文字"

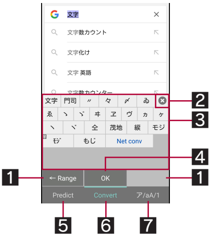
1. **In the character entry screen, enter "もじ"**



1 Enlarge/Reduce
- ● Enlarge/Reduce the conversion candidates field.

2 Conversion candidates field
- ● Displayed when [Word prediction] is enabled.
- ● Touch one of conversion candidates to enter.
- ● If you set an Internet conversion engine, [Net conv] is displayed. Touch it to display conversion candidates searched by the conversion engine on the Internet.

2. **[Convert]**
3. **In the conversion candidates field, select "文字"**



1 Range reduction/Range enlargement
- ● Reduce/Enlarge the range of characters to convert.
- ● Displayed only when available.

2 Close
- ● Close the conversion candidates field.

3 Conversion candidates field
- ● Touch one of conversion candidates to enter.
- ● If you set an Internet conversion engine, [Net conv] is displayed. Touch it to display conversion candidates searched by the conversion engine on the Internet.

4 Determine
- ● Determine the conversion.

5 Predictive candidates
- ● Predictive candidates are displayed.

6 Conversion candidates
- ● Conversion candidates are displayed.

7 Katakana and alphanumeric
- ● Katakana and alphanumeric conversion candidates are displayed.

■ Wildcard prediction

Conversion candidates are predicted according to the number of the entered characters and appear.

- ● Enable [Wildcard prediction] in advance (☞P.20 "Conversion").
- ● This function is available in the Hiragana/Kanji input mode and the Half Alphabet input mode.

Example: When entering "アナウンス"

1. **In the character entry screen, enter "あな"**
2. **[➡] ▶ [➡] ▶ [➡]**
   - Each time you touch [➡], [＊] is entered and the predictive candidates appear according to the number of characters.
3. **In the conversion candidates field, select "アナウンス"**

■ Inputting with kuten codes

You can use four-digit kuten codes assigned to each character for entering kanji, hiragana, katakana, symbol, alphanumeric characters, etc.

1. **In the character entry screen, slide the input mode switching key up ▶ [Character Code]**
2. **Input a kuten code**
   - After the fourth digit is entered, the corresponding character appears.
   - After the fourth digit is entered, the input mode is switched to the previous one.

■ Inputting with voices

You can enter characters with voices.

1 **In the character entry screen, [⚙/🎤] ▶ [Input UI] ▶ [Voice Input]**

- Alternatively, slide [⚙/🎤] to the right while the QWERTY keyboard is used or slide [⚙/🎤] down while the 12 keyboard is used to switch to the voice input.

2 **Speak at the microphone**

- In the following cases, the voice input may not work properly.
  - ■ When the voice is too loud
  - ■ When the surrounding noise is big
  - ■ When the phonation is not clear
  - ■ When the phonation is not natural
  - ■ When the pronunciation is too fast
  - ■ When any key is pressed or the microphone is touched

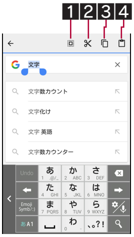
■ Editing characters

You can perform operations such as cutting, copying or pasting by selecting the entered characters.

1 **Touch and hold the entered characters**

2 **Edit the characters**

- To specify the selection range: Drag [◿]/[◺] or [◯]/[◯]
- To display the history of cut and copied characters: [⚙/🎤] ▶ Quote apps] ▶ [Copy History SH]



1 Select all
- ● Select all the entered characters.

2 Cut
- ● Cut the selected characters.

3 Copy
- ● Copy the selected characters.

4 Paste
- ● Paste the cut or copied characters.
- ● Alternatively, touch and hold the character entry field ▶ [PASTE] to paste them.
- ● Touch and hold the character entry field ▶ [CLIPBOARD] ▶ select characters to enter to paste them from the history.

- Up to 10 history items of cut and copied characters can be saved.
- If the number of history items of cut and copied characters exceeds the maximum number to be saved, they are deleted from the oldest one.

Changing screen display to English

1 **In the home screen, [▦] ▶ [設定] (Settings) ▶ [言語と文字入力] (Language & input) ▶ [言語 (Language)を選択] (Select language) ▶ [English]**

Initial settings

When you turn the power on for the first time, the initial settings screen is displayed. Follow the instructions on the screen and set.

- The following items can be set. However, items to be displayed may differ depending on the Google account settings.
  - ■ Language setting
  - ■ Wi-Fi settings (☞P.23 "Wi-Fi settings")
  - ■ Google account settings by Tap & Go
  - ■ Google account settings (☞P.24 "Setting up Google account etc.")
  - ■ Set up payment info
  - ■ Get your apps & data
  - ■ Owner's name of the handset
  - ■ Protect your phone
  - ■ Google services
  - ■ Google Now setting
- The confirmation screens for sending device error information and for software update are also displayed.

■ Initial settings for docomo service

1 **When the initial settings screen for docomo service is displayed, [Agree to all] ▶ [Start settings]**

2 **Make the initial settings**

- The following items can be set.
  - ■ docomo ID (d ACCOUNT)
  - ■ docomo cloud
  - ■ docomo apps password
  - ■ docomo location information
  - ■ Remote Initialization Service*
  - ■ Install all apps

* This is not displayed when you have not set a docomo apps password.

3 **[Start using]**

- From December 2015, the name of "docomo ID" changes to "d ACCOUNT".

Setting an access point

An access point (sp-mode) for Internet connection is registered by default. You can add other access points and change them if necessary.

For details on sp-mode, refer to the DOCOMO website.

If you want to use mopera U or Business mopera Internet, add an access point of either provider manually.

For details on mopera U, refer to the mopera U website.

■ Checking an access point in use

1 **In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [Cellular networks] ▶ [Access Point Names]**

■ Setting additional access points

- Never set the MCC to a figure other than 440 or the MNC to a figure other than 10. Otherwise the added access point disappears from the screen.

1 In the home screen, [⊞] ▶ [Settings] ▶ [More] ▶ [Cellular networks] ▶ [Access Point Names] ▶ [⊕]

2 [Name] ▶ enter the name of the network profile to create ▶ [OK]

3 [APN] ▶ enter the access point name ▶ [OK]

4 Enter other items required by network operators ▶ [⋮] ▶ [Save]

- If the settings of MCC and MNC are changed and the added access point disappears from the screen, reset the settings or set the access point manually.

Resetting an access point

Reset an access point to default setting.

1 In the home screen, [⊞] ▶ [Settings] ▶ [More] ▶ [Cellular networks] ▶ [Access Point Names]

2 [⋮] ▶ [Reset to default]

- When sp-mode is not subscribed or if you fail to make automatic setting of an access point due to signal status such as outside the service area, you are required to set the access point again manually.

Wi-Fi settings

If you use Wi-Fi function of the handset, you can use mail or Internet by connecting to access points of your home, corporate network or public wireless LAN service.

Radio interference with Bluetooth devices

- Wireless LANs (IEEE 802.11b/g/n) use the same frequency band (2.4 GHz) as Bluetooth devices. Therefore, using the wireless LAN device near a Bluetooth device may cause radio interference, lowering of communication speed, noise or connection failure. In this case, turn off the Bluetooth device or keep the handset and the wireless LAN device at least approximately 10 m away from the Bluetooth device.

- Packet communication is also available while [Wi-Fi] is set to On. Wi-Fi connection is prioritized while Wi-Fi connection is set, but the connection is automatically switched to that of LTE/3G/GPRS network once Wi-Fi connection is terminated. Note that packet communication charges may be incurred in this case.
- Refer to the manual of your wireless LAN base unit when using the access point at home etc.
- Operate access point registration near the access point.
- If you use the docomo service by using Wi-Fi function, set a docomo ID (d ACCOUNT) in advance. In the home screen, [⊞] ▶ [Settings] ▶ [docomo service/cloud] ▶ [docomo ID設定] (Set docomo ID) to set it.

1 In the home screen, [⊞] ▶ [Settings] ▶ [Wi-Fi]

2 Set to On

3 Select an access point

- If you select an access point protected by security, enter the password (security key) and select [CONNECT].
- To register access points manually: [⋮] ▶ [Add network] ▶ enter the network name ▶ set security ▶ [SAVE]
- WPS compatible access points can be easily registered. In the home screen, [⊞] ▶ [Settings] ▶ [Wi-Fi] ▶ [⋮] ▶ [Easy Settings] ▶ [WPS Push Button]/[WPS Pin Entry] to register an access point.
- Alternatively, in the home screen, [⊞] ▶ [Settings] ▶ [Wi-Fi] ▶ [⋮] ▶ [Easy Settings] ▶ [AOSS] to connect to an access point. Follow the instructions on the screen and operate after this step.

- When you select an access point and connect to it with a wrong password (security key), [IP Configuration Failure], [WiFi Connection Failure], [Authentication problem] or [Connected (Limited)] is displayed. Confirm the password (security key). When [IP Configuration Failure] or [Connected (Limited)] is displayed after entering the correct password (security key), you may not have acquired the correct IP address. Connect to the access point again after confirming signal status.
- The registration process using WPS takes a few minutes. After completion of the registration of the access point, check that the proper connection to the access point is acquired.
- As for the manual registration of an access point, this function supports WEP, WPA/WPA2 PSK and 802.1xEAP as the security setting.
- If you connect to an access point which is not connected to the Internet, [📶] is displayed and the communication may be made by mobile networks, not Wi-Fi connection.
  To make Wi-Fi communication by using such an access point, enable [Using this AP without internet connection] of Advanced options before connecting to the access point.

■ Detailed settings

1 In the home screen, [⊞] ▶ [Settings] ▶ [Wi-Fi]

2 [⋮] ▶ [Advanced]

3 Select an item

- Network notification: Set whether to display a notification icon when an open network is detected.
  - Set it after setting [Wi-Fi] to On.
- Scanning always available: Set whether to scan networks by the location information service and other apps even when [Wi-Fi] is set to Off.
- Wi-Fi sleep policy: Set whether to disconnect Wi-Fi when the display is turned off.
- Avoid poor connections: Set whether to use the Wi-Fi function only when stable Internet connections are available.
- Wi-Fi frequency band: Set the frequency band to use.
- Handover: Set whether to automatically switch access points to use if you use the handset while moving.
- Mobile/Wi-Fi simultaneous use: Make settings for simultaneous use of mobile and Wi-Fi networks.
- Install certificates: Install certificates.
- Wi-Fi Direct: Make settings for Wi-Fi Direct.
- Passpoint: Set whether to automatically connect to the available Passpoint compatible access points when [Wi-Fi] is set to On.
- MAC address: Confirm the MAC address.
- IP address: Confirm the IP address.

[Handover]

- You can set it only when Wi-Fi frequency band is set to [5 GHz only] or [2.4 GHz only] and Simultaneous use mode setting is set to [Setting OFF].

■ Mobile/Wi-Fi simultaneous use

You can make settings for the function to automatically switch to mobile networks when communications with Wi-Fi access points slow down (Smooth change mode) or the function to download content at high speed using mobile and Wi-Fi networks at the same time (Dual Speed mode).

- Set [Wi-Fi] to On and connect to an access point in advance.
- Since packet communication is also used when you use mobile and Wi-Fi networks at the same time, packet communication charges may be incurred.

1. **In the home screen, [▦] ▶ [Settings] ▶ [Wi-Fi]**
2. **[⋮] ▶ [Advanced]**
3. **[Mobile/Wi-Fi simultaneous use]**
4. **Select an item**
   - ■ Simultaneous use mode setting: Set a mode to use.
   - ■ Advanced settings: Make settings for applicable access points and apps, and inapplicable servers.
   - ■ Notes: Check the precautions.
   - Touch [❓] of an item to display its explanations.

■ Disconnecting

1. **In the home screen, [▦] ▶ [Settings] ▶ [Wi-Fi]**
2. **Select the connected access point ▶ [DISCONNECT]**
   - Disconnect with the password retained. The access point may be automatically connected again such as when the display is turned on.

Tethering

You can use the tethering function that connects Wi-Fi compatible devices, or PCs etc. connected via Micro USB Cable 01 (sold separately) or Bluetooth communication to the Internet by using the handset as an access point.

- You can connect up to 16 devices in total at the same time: a PC connected via Micro USB Cable 01, 10 Wi-Fi compatible devices and five Bluetooth devices.
- The handset supports dial-up connections via DUN profile.
- Before using Bluetooth tethering, register the other party's Bluetooth device in advance (☞P.79 "Using Bluetooth function").
  As for the settings on the Bluetooth device, refer to its manual.

1. **In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [Tethering]**
2. **Select an item**
   - ■ USB tethering: Set whether to use the USB tethering.
   - ■ Wi-Fi tethering: Set whether to use the Wi-Fi tethering.
   - ■ Set up Wi-Fi hotspot: Make settings for Wi-Fi tethering such as network name and security.
   - ■ Wi-Fi tethering Easy Connection: Set whether to use the tethering by connecting to WPS compatible access points.
   - ■ Bluetooth tethering: Set whether to use the Bluetooth tethering.

[USB tethering]

- The tethering function is available on Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10 and Linux.
- A microSD Card inserted in the handset cannot be mounted on a PC during USB tethering.
- For details on USB tethering, refer to the following website.
  http://www.android.com/tether#usb

[Wi-Fi tethering]

- While the handset is functioning as an access point, it cannot access the Internet via Wi-Fi connection.
- Make settings for Wi-Fi access points in [Set up Wi-Fi hotspot].
- For details on Wi-Fi tethering, refer to the following website.
  http://www.android.com/tether#wifi

[Set up Wi-Fi hotspot]

- At the time of purchase, Network name is set to [SH-02H_AP] and Security is set to [WPA2 PSK] while Password is set randomly. Change the settings if necessary.

Setting up mail account

1. **In the home screen, [▦] ▶ [Email]**
   - Only when an account is not set up, the account setup screen appears.
2. **Enter mail address ▶ [▶]**
3. **Enter password ▶ [▶]**
   - Provider information is preset for some mail accounts, and a receiving mail server and a sending mail server are automatically set.
   - When you use an account whose provider information is not preset, it is necessary to set a receiving mail server and a sending mail server manually. For details on those settings, contact the Internet service provider you use.
4. **Set up an account ▶ [▶]**
5. **Enter an account name and your name ▶ [▶]**

Setting up Google account etc.

1. **In the home screen, [▦] ▶ [Settings] ▶ [Accounts] ▶ [Add account]**
2. **Select an account type**
3. **Set up an account**
   - In the home screen, [▦] ▶ [Settings] ▶ [Accounts] to find the added account on the displayed menu.

- When activating the app that requires an account without setting one up, the account setup screen appears.
- Keep a separate memo of the set account and password.

■ Deleting your account

1. **In the home screen, [▦] ▶ [Settings] ▶ [Accounts]**
2. **Select an account ▶ [⋮] ▶ [Remove account] ▶ [REMOVE ACCOUNT]**
   - Operation methods may differ depending on the account.

■ Retrieving your Google account password

If you forget your Google account password, retrieve it.

1 In the home screen, [◎]

2 Enter "https://www.google.com/ncr" in the URL entry field ▶ [Go] ▶ [Sign in] ▶ [Need help?] ▶ follow the instructions on the screen and operate

■ Synchronizing data

You can synchronize data between the handset and online services. You can access the same personal information as those stored in online services from the handset and PC, and you can use and update data by synchronizing them.

When synchronizing automatically

Set whether to automatically synchronize items set in each account.

1 In the home screen, [⊞] ▶ [Settings] ▶ [Accounts]

- To set items to synchronize: Select an account type ▶ select an account ▶ select an item

2 [⋮] ▶ [Auto-sync data] ▶ [OK]

- Register a Google account in advance when you synchronize the phonebook of the handset memory with contacts on the online services even if you synchronize with an account other than Google account.

When synchronizing manually

- When Auto-sync data is disabled, you can synchronize selected items manually.

1 In the home screen, [⊞] ▶ [Settings] ▶ [Accounts]

2 Select an account type ▶ select an account

3 Select items to be synchronized

Importing/Exporting phonebook

■ Importing from docomo nano UIM card

1 In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Contacts]

2 [⋮] ▶ [SD card/SIM card/common]

3 [Restore from SIM card]

- If there are multiple accounts, the screen for selecting to which account to register is displayed.

4 Select the contact to import

- To import all contacts: [⋮] ▶ [Import all]

■ Importing from microSD Card/Exporting to microSD Card

1 In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Contacts]

2 [⋮] ▶ [SD card/SIM card/common]

3 [Activate docomo backup app]

- docomo backup is activated. For details on backing up/restoring phonebook by using docomo backup ☞P.63 "Backing up to/Restoring from a microSD Card"

Incoming/Charging lamp

The incoming/charging lamp notifies you that there is a missed call, the handset is being charged, etc. by illuminating/flashing.

State of illumination	Color	State of handset
Illuminating	Ruby (Red)	Charging in progress (Battery level is approx. 94% or less)
Illuminating	Emerald (Green)	Charging in progress (Battery level is approx. 95% or more)
Flashing	Ruby (Red)	Charging unavailable
Flashing	Crystal (Light sky blue)	During an incoming call/Call missed
Flashing	Prism (White)	New mail received
Flashing	Sapphire (Blue)	New docomo mail received

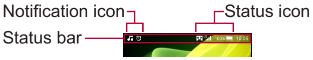
- When the display is on, the incoming lamp which notifies you of missed calls, new mails and new docomo mails does not flash. Check them with notification icons. When notification icons do not appear since you play videos with Media Player etc., check them on a screen with the status bar appearing.

Screen display/Icons

Icons displayed on the status bar at the top of the screen give you various kinds of information, such as the status of the handset or the presence of missed calls. You can check the detailed information by displaying the status panel.

Viewing icons

- Two kinds of icons are displayed.
  - ■ Notification icon: Notifies you of missed calls, new mails, etc.
  - ■ Status icon: Display the status of the handset such as the battery level or the signal status.



■ Main notification icon list

- Some notification icons appear with their number superimposed.

☎: Missed call

💬: New SMS

✉: New mail

M: New Gmail

❝: New message from Hangouts

((!)): New Area Mail

⚠: Error
- Displayed when an error has occurred.

🔑: Authentication of docomo ID (d ACCOUNT) failed

⊘: Data communication disabled
- Displayed when a data communication limit has been reached.

⏰: Alarm sounding/Snooze enabled/Missed alarm

📅: Schedule notification from Calendar

1Seg information
📺～📺: Watching/Receiving
📺: Recording
📺: Recording reservation (appears 5 minutes before recording)

♫: Playing music with Media Player

☎: Making a call/Receiving a call/Talking on the handset/Putting a call on hold

▣: Answering memo

▣: Voice mail message

microSD Card
▯: Preparing microSD Card
▯: Unmounted

⚠: Available space on the handset memory being run out

🔒: Omakase Lock set

Bluetooth
ᛒ: Receiving registration/connection request from Bluetooth device
ᛒ: Data reception request
ᛒ: DUN connection request/DUN connecting

⚡: USB connection (in Card reader mode connecting)

Data transmission and reception
⇧: Transmission
⇩: Reception

App
▶: App update available
✓: Finished installing app

Wi-Fi
?: Open network
✕: Wi-Fi connection restriction

▣: [USB tethering] enabled

◎: [Wi-Fi tethering] enabled

ᛒ: [Bluetooth tethering] enabled

⊙: Multiple tethering enabled

☀: Bright Keep set to [ON (Notify)]

Home network
DMS: Suspending
DMS: Running
DMS: Preparing

⚷: VPN connected

⇩: Software update available

🔒: Smart Lock

☝: [glove mode] enabled

⋯: Notification icon (not appearing)

Main status icon list

⏰: Alarm set

Battery level
▭ to ■: Approx. 100 to 6%
▭: Approx. 5% or less
- While charging, the battery icon appears with [⚡] superimposed.
- Percentage of the remaining battery level appears on the left side of the battery icon. Display/Hide the percentage with [Display left percents of Battery] (☞P.65 "Display").

Signal strength
▁▃▅▇: Level 4
▁▃▅▇: Level 3
▁▃▅▇: Level 2
▁▃▅▇: Level 1
▁▃▅▇: Level 0
✕: Outside the service area

✈: Airplane mode

3G data communication status
3G: 3G available
3G: Receiving data via 3G
3G: Sending data via 3G
3G: Sending and receiving data via 3G

GSM data communication status
G: GSM available
G: Receiving data via GSM
G: Sending data via GSM
G: Sending and receiving data via GSM

LTE data communication status
LTE: LTE available
LTE: Receiving data via LTE
LTE: Sending data via LTE
LTE: Sending and receiving data via LTE

HSPA data communication status
H: HSPA available
H: Receiving data via HSPA
H: Sending data via HSPA
H: Sending and receiving data via HSPA

R: International roaming

NFC/Osaifu-Keitai lock status
IC: Handset or docomo nano UIM card locked
IC: Handset and docomo nano UIM card locked

Omakase Lock status
IC: Handset or docomo nano UIM card locked by remote control
IC: Handset and docomo nano UIM card locked by remote control

P: [Reader/Writer, P2P] enabled

Character input mode
あ: Hiragana/Kanji
AB: Half Alphabet
12: Half Numeric
A: Full Alphabet
1: Full Numeric
区: Character Code

☆: [Allow only priority interruptions] set

Manner mode status
♡: Standard manner
♡☆: Standard manner ([Allow only priority interruptions] set)
🔇: Silent manner

☎: Talking with a speaker

🎤: Mute set

Wi-Fi signal strength
◔: Level 4
◔: Level 3
◔: Level 2
◔: Level 1
◔: Level 0
- The Wi-Fi signal strength icon appears with [!] superimposed like [!] while you connect to an access point which is not connected to the Internet.

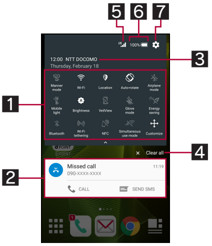
Simultaneous use of mobile and Wi-Fi networks 📶: [Smooth change mode] enabled 📶: [Dual Speed mode] enabled
Bluetooth ᛒ: Connection stand-by ᛒ: Connected
◎: Measuring location information frequently
Answering memo ⌨: No answering memos when the answering memo is set ⌨: One to nine answering memos when the answering memo is set ⌨: 10 answering memos when the answering memo is set

Using the status panel

1 Drag the status bar down with your two fingers at the same time

- Alternatively, touch and hold [■] to display the status panel.

2 Use the status panel



1 Function button

- ● Make settings for use of the manner mode, Wi-Fi function, location information, etc. Touch [Customize] to rearrange, add and delete the function buttons.
  - ・If you touch [Location], the confirmation screens for the use of location information are displayed. The mode to be set may differ depending on whether you select [DISAGREE]/[AGREE] (☞P.70 "Location"). [◎] is displayed when Mode is set to [High accuracy]/[Device only] while [◎] is displayed when Mode is set to [Battery saving].
- ● Slide the screen up/down or touch the top of the screen to display/hide function buttons after second line.

2 Detailed information on notifications

- ● You can check the state of the handset or content of notifications.
- ● The following operations are available depending on the type of detailed information.
  - ・To activate or operate a corresponding app: Touch the detailed information or the function
  - ・To switch detailed display/simplified display*: Slide the detailed information up/down with your two fingers at the same time or pinch out/in
  - ・To delete detailed information: Flick the detailed information to the left/right
  - ・To set [App notifications]: Touch and hold the detailed information ▶ [ⓘ]

* This operation is available when function buttons after second line are hidden.

3 Network operator

- ● Connected network operator is displayed.

4 Clear all

- ● Delete the detailed information on notifications and notification icons. Depending on the content of detailed information on notification, it cannot be deleted.

5 Signal status

- ● Check the signal status.

6 Battery level

- ● Check the battery usage etc. by touching it while function buttons after second line are being displayed.

7 Settings

- ● Activate the "Settings" app.

- ● If the number of missed calls is one, [CALL] and [SEND SMS] are displayed by switching the detailed information on notification to detailed display. You can make a call or send an SMS by touching them.

Quick Launcher

You can quickly use app usage history items, the apps/shortcuts/function buttons set in Favorites or mini apps/widgets by switching tabs.

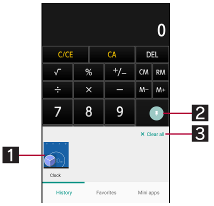
- ● Set Recent apps key to [Quick Launcher] in advance (☞P.67 "Useful").

History

You can activate apps by displaying the history of recently used apps.

1 [■] ▶ [History]

2 Use a history item



1 App usage history item

- ● Touch it to activate the app.
- ● Flick it down to delete the history item.
- ● Touch and hold it to delete the history item and check information on the app.

2 Screen pinning

- ● This is displayed when [Screen pinning] is set to On. For details on Screen pinning ☞P.70 "Lock & security"
- ● Touch it to restrict the use of apps other than the app being displayed.
  - ・To disable Screen pinning: Touch and hold [◁] + [■]

3 Clear all

- ● Touch it to delete all app usage history items.

- ● Some apps may not be displayed in the history.
- ● If you delete the history item of the running app, you can end the app.

Favorites

You can quickly activate apps or switch settings on the handset just by touching apps, shortcuts and function buttons set in Favorites.

1. **[▣] ▶ [Favorites]**
2. **Select an app/a shortcut/a function button**

■ Adding apps/shortcuts/function buttons

1. **[▣] ▶ [Favorites]**
2. **[+]**
3. **Select an app/a shortcut/a function button to add**

■ Moving apps/shortcuts/function buttons

1. **[▣] ▶ [Favorites]**
2. **Touch and hold an app/a shortcut/a function button ▶ drag it to the destination**

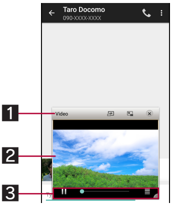
■ Managing apps/shortcuts/function buttons

1. **[▣] ▶ [Favorites]**
2. **Touch and hold an app/a shortcut/a function button**
   - Release your finger to display the menu.
3. **Select an item**
   - ■ Delete application: Uninstall the app.
   - ■ Peel off: Hide the app, shortcut or function button.

Mini app/Widget

You can use mini apps and widgets which enable you to watch TV, videos, YouTube, etc. while using another app.

1. **[▣] ▶ [Mini apps]**
2. **Select a mini app/widget**
3. **Use the mini app/widget**



1 Title bar

- ● Drag it to the destination to move the mini app/widget.
- ● The following operations are available with displayed keys.
  - ・To activate a usual app: [⧉]*
  - ・To minimize the mini app/return it to the original size: [◲]/[◱]
  - ・To end the mini app/widget: [⊗]
  - * As for the mini TV or mini video, touch [⧉]/[◲] to return it to the mini app.

2 Mini app/Widget display

- ● Touch it to display the title bar and controller when they are not displayed.
- ● Touch and hold it and drag it to another app such as the "Email" app while the app is running to copy characters, images, etc. and paste them.

3 Controller

- ● The following operations are available with displayed keys.
  - ・To change the size of the mini app/widget: Drag [◿]
  - Operations on mini TV
  - ・To select a station with UP/DOWN: [CH▶]/[◀CH]
  - Operations on mini video
  - ・To pause/play the data: [❚❚]/[▶]
  - ・To display the data list screen: [☰]

> ● When you play videos with another app while a mini app is being used, videos may not be displayed properly.

■ Adding mini apps/widgets

1. **[▣] ▶ [Mini apps]**
2. **[+]**
3. **[Add mini application]/[Add widget]**
4. **Select a mini app/widget to add**
   - Touch [Add from Play Store] to download an uninstalled mini app again.

■ Moving mini apps/widgets

1. **[▣] ▶ [Mini apps]**
2. **Touch and hold a mini app/widget ▶ drag it to the destination**

■ Managing mini apps/widgets

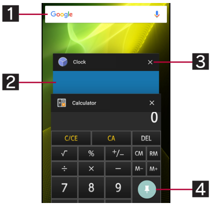
1. **[▣] ▶ [Mini apps]**
2. **Touch and hold a mini app/widget**
   - Release your finger to display the menu.
3. **Select an item**
   - ■ Delete application: Uninstall the app.
   - ■ Peel off: Hide the mini app or widget.
   - ■ Change name: Change the name of the widget.

Recent Apps

You can activate apps by displaying the history of recently used apps.

- ● Set Recent apps key to [Recent applications] in advance (☞P.67 "Useful").

1. **[▣]**
2. **Use a history item**



1 Search

- ● Touch it to use quick search box (☞P.19 "Searching information on the handset and websites").

❷ App usage history item

- Touch it to activate the app.
- Flick it to the left/right to delete the history item.

❸ Delete history item

- Touch it to delete app usage history item.

❹ Screen pinning

- This is displayed in the latest history item when [Screen pinning] is set to On. For details on Screen pinning ☞P.70 "Lock & security"
- Touch it to restrict the use of apps other than selected app.
  - To disable Screen pinning: Touch and hold [◁] + [□]

- Some apps may not be displayed in the history.
- If you delete the history item of the running app, you can end the app.

Home applications

Switch lock screens or home apps to use.

- The following home apps are registered on the handset by default.
  - docomo LIVE UX
    A home app optimized for smartphones provided by DOCOMO.
  - docomo Simple UI
    A home app which is designed to enable customers having been using i-mode mobile phones (feature phones) to use smartphones easily.
  - Feel Home
    A home app which enables you to find intended apps quickly and operate the handset intuitively. Just by flicking your finger to the left/right, you can choose and use whichever sheet that fits your preferences from between Desktop Sheet or Apps Sheet.
  - Google Now Launcher
    You can check Google Now in the home screen when you use Google Now. Also, you can use voice search just by saying "Ok Google" while the home screen is displayed.

1 In the home screen, [▦] ▶ [Settings] ▶ [Home applications]

2 Select an item

- Batch change lock screen/ home application: Switch lock screens and home apps.
- Home applications: Switch home apps.

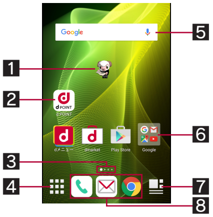
docomo LIVE UX

Home screen

Home screen layout

In the home screen, you can activate apps by selecting apps or the quick menu or use widgets.

- If you install a new app, its icon is added to the home screen.



"ひつじのしつじくん®" (Butler Sheep)
©NTT DOCOMO

1 Machi-Chara

2 App

3 Indicator

- Indicates the number of the home screen pages and present display position.

4 App button

- Display the app list screen.

5 Widget

- Use simple functions such as a calendar or pedometer.

6 Folder

- When a folder is added, you can store apps into the folder.

7 My magazine button

- Use My magazine (☞P.34 "My magazine").

8 Quick menu

- Quickly activate an app from any page of the home screen.

- Pinch in on the home screen to display the home screen list.
- Flick the home screen to the left/right to switch the pages.
- Flick the home screen down to display the app list screen.
- Flick the home screen up to use My magazine.

Managing the home screen

■ Setting the home screen

1 **Touch and hold the home screen**

2 **Select an item**

- ■ Show apps: Display the Apps tab of the app list screen.
- ■ Show widgets: Display the Widgets tab of the app list screen.
- ■ Create folder: Add a folder.
- ■ Change Kisekae: Change the kisekae. For details on kisekae ☞P.30 "Changing kisekae"
- ■ Change wallpaper: Display the Wallpapers tab of the app list screen. For details on wallpapers ☞P.30 "Changing wallpapers"
- ■ Machi-Chara setting: Make settings for Machi-Chara. For details on Machi-Chara setting ☞P.31 "Machi-Chara display method"
- ■ Home screens: Display the home screen list. For details on the home screen list ☞P.31 "Managing pages"

■ Moving apps etc.

1 **In the home screen, touch and hold an app etc.**

2 **Drag it to the destination**

- If you drag it to the end of the page, the previous/next page is displayed and you can move it to the previous/next page.
- Drag an app onto another one to create a folder storing the two apps.

■ Restoring apps to the app list screen

1 **In the home screen, touch and hold an app**

2 **Drag it to [Back to apps list]**

■ Deleting widgets etc.

1 **In the home screen, touch and hold a widget etc.**

2 **Drag it to [Remove from Home]**

- Apps are not uninstalled even if the folder storing the apps is deleted.

■ Uninstalling apps

1 **In the home screen, touch and hold an app**

2 **Drag it to [Uninstall] ▶ [OK]**

■ Renaming folders

1 **In the home screen, select a folder**

2 **Touch the folder name**

3 **Enter a folder name**

■ Setting quick menu

You can set apps etc. in the quick menu.

- You can set up to three apps etc. in the quick menu.

1 **In the home screen, touch and hold an app etc.**

2 **Drag it to the quick menu**

Changing kisekae

1 **Touch and hold the home screen ▶ [Change Kisekae]**

2 **Select kisekae ▶ [SET]**

Changing wallpapers

1 **Touch and hold the home screen ▶ [Change wallpaper]**

2 **Select data ▶ [OK]**

- Touch [See more wallpapers] to select a wallpaper from among photos, images and other apps.
  - As for [Contents Manager], [Album] or [Photos], set each item and select [OK].
  - As for [Wallpapers] or [Wallpaper gallery], select [Set wallpaper].
  - As for [Live Wallpapers], select [SET WALLPAPER].
  - As for [Contents Manager(wallpaper)] or [Album(wallpaper)], select the parts to cut and select [SAVE].
  - As for [Preset wallpaper], select [SET TO WALLPAPER].
- Touch [See Kisekae] to change the kisekae.

Machi-Chara display method

1 Touch and hold the home screen ▶ [Machi-Chara setting]

2 [表示する] (Display)/[表示しない] (Hide) of "キャラ表示" (Machi-Chara display)

Managing pages

■ Adding pages

- You can add up to seven pages.

1 In the home screen, pinch in

- Alternatively, touch and hold the home screen ▶ [Home screens] to display the home screen list.

2 [+]

■ Sorting pages

1 In the home screen, pinch in

- Alternatively, touch and hold the home screen ▶ [Home screens] to display the home screen list.

2 Touch and hold a thumbnail

3 Drag it to the destination

■ Deleting pages

1 In the home screen, pinch in

- Alternatively, touch and hold the home screen ▶ [Home screens] to display the home screen list.

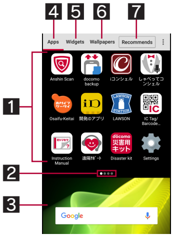
2 [⊗]

App list screen

App screen layout

Loaded apps that are not added to the home screen are displayed as icons in the app list screen. Select an icon to activate an app. Also, you can add widgets and change wallpapers.

- If you uninstall an app, its icon is deleted.



1 List of app

- Flick the screen to the left/right to switch the display positions.

2 Indicator

- Indicates the number of the app list screen pages and present display position.

3 Home screen

- Part of the home screen remains to be displayed.
- Flick it up to display the home screen.

4 Apps tab

- Display apps that are not added to the home screen.

5 Widgets tab

- Add widgets to the home screen.

6 Wallpapers tab

- Change wallpapers.

7 Recommends button

- Display apps recommended by DOCOMO.

App list

- A separate paid subscription will be required for using some apps.
- The followings are the apps installed by default.

Icon	App	Description
	Album	Sort images and videos by event and location and use them (☞P.56 "Album").
	Anshin Scan*1, 2	An app to use smartphones safely by detecting viruses, checking apps which deal with personal data, giving you a warning when you try accessing offensive websites, etc.
	Calculator	Use a calculator (☞P.61 "Calculator").
	Calendar	Manage the schedule.
	Camera	Shoot with the camera provided by Google.
	Chrome	Display websites via packet communication or Wi-Fi function (☞P.46 "Chrome").
	Clip Now	Check the image (archival screenshot) or URL shot by Clip Now (☞P.68 "Clip Now").
	Clock	You can use alarm, world clock, timer and stopwatch (☞P.59 "Clock").
	Contents Manager	Manage data stored on the handset memory and the microSD Card (☞P.77 "Contents Manager").
	d book MyShelf*1	An app to read comics, novels, practical books, etc. which you have purchased in electronic bookstore of DOCOMO. Also, you can browse some books for free.
	Disaster kit	An app to use Disaster Message Board, Disaster Voice Messaging and Early Warning "Area Mail".
	dmarket*1	An app which handles digital contents such as music, videos and books and provides you with various services such as shopping website and travel reservation website (☞P.48 "dmarket").
	d POINT*1	An app to "check", "save" and "use" d POINT.
	docomo backup	An app to back up to/restore from "Data Storage Box" or "microSD Card" (☞P.62 "docomo backup").

Icon	App	Description
	docomo mail[*1, 2]	Send and receive mails using mail address of DOCOMO (@docomo.ne.jp). Data can be easily transferred when you have changed models or restored when you have lost the handset since sent and received mails are saved on the docomo mail server. Also, you can send, receive and view mails using the same mail address from multiple devices such as a tablet, PC browser, etc. if you use a docomo ID (d ACCOUNT) (☞P.42 "docomo mail").
	docomo phonebook	A phonebook app provided by DOCOMO. You can manage phonebook data of "docomo account" in cloud computing (☞P.40 "Phonebook").
	Downloads	Manage data such as images downloaded from websites.
	Drive	Save images, videos, etc. on Google Drive™ or share them.
d	dメニュー (dmenu)[*1]	A shortcut app to "dmenu". In dmenu, you can easily access websites or convenient apps recommended by DOCOMO (☞P.48 "dmenu").
	Email	Use Email (☞P.43 "Email").
	Gmail	Use a mail service provided by Google or Email provided by general service providers (☞P.44 "Gmail").
	Google	Use quick search box (☞P.19 "Searching information on the handset and websites").
	Google Now Launcher[*3]	A home app which enables you to check Google Now in the home screen when you use Google Now. Also, you can use voice search just by saying "Ok Google" while the home screen is displayed.
	Google Settings	Make settings for various Google services collectively.
g+	Google+	Use Google+™.
	Hanashite Hon'yaku[*2]	An app to translate your messages into the language the other party speaks. You can enjoy communication with other people who speak a different language.
	Hangouts	Use chat (talk using characters), voice chat, etc.
IC	IC Tag/ Barcode Reader	An app to read information written on IC tags and bar codes.
iD	iDアプリ (iD appli)[*1]	An app to use electronic money "iD" provided by DOCOMO. You can pay easily and conveniently by holding an Osaifu-Keitai in which "iD" is set over scanning devices at stores (☞P.50 "iD appli").
	Instruction Manual[*1, 2]	Instruction manual for the handset. You can also activate the functions to use directly from the explanations on the manual.
	ｉコンシェル (i-concier)[*1]	A service to have your smartphones support your life like a "butler" or "concierge". According to your schedule, home area or present location, it delivers useful information in everyday life such as a rain cloud alarm, rail transit information or outgoing spot at better timing.
	LAWSON[*1]	An official app of LAWSON. The handset substitutes for a membership card. You can display it as a digital membership card, search stores or check an economical trial coupon.
	Maps	Measure your present location, use the navigation function to check how to get to your destination in detail, etc. (☞P.59 "Maps").
	Media Player	An app to play music and videos (☞P.57 "Media Player").
	Memo	An app to create and manage memos (☞P.61 "Memo"). Its data is shared with the Schedule app. The i-concier is supported.
	Messaging	Use SMS (☞P.42 "SMS").
♫	Music	Play music. The handset supports playback with high resolution audio[*4]
	My Magazine[*5]	A search service to display articles of genres you choose. It helps you set search keywords by guessing your preferences from the history of articles you have read or from information on your profile to make the settings come to match your preferences (☞P.34 "My magazine").
	OfficeSuite	Use OfficeSuite. ● For details on supported files, in the home screen, [⠿] ▶ [OfficeSuite] ▶ [☰] ▶ [Settings] ▶ [Help] to refer to help.
	Osaifu-Keitai	Use Osaifu-Keitai (☞P.49 "Using "Osaifu-Keitai compatible services"").
☎	Phone	An app to use the phone and make settings for calls (☞P.35 "Call").
	Photos	Manage images and videos.
	Play Books	Purchase e-books, read the purchased e-books or browse samples by connecting to Google Play.
	Play Games	Search for new games or play favorite games.
	Play Movies & TV	Rent and watch movies.
	Play Music	Play music.
	Play Store	Use Google Play (☞P.48 "Play Store").

Icon	App	Description
	PrintSmash *1, 2	An app to print images or PDF data that the handset stores with a multi-functional copy machine of SHARP located at convenience stores by using Wi-Fi communication.
	Schedule	An app to create and manage schedules (☞P.60 "Schedule"). Its data is shared with the Memo app. The i-concier is supported.
	Search finder	Search related words/videos/images by dragging characters being displayed on the screen over which the camera is held. Search results are displayed around the dragged characters and you can see them on the Search finder screen (☞P.56 "Search finder").
	Settings	Make various settings for the handset (☞P.64 "Setting menu"). ● The same operation can be performed as in the home screen, [▦]▶[⋮]▶[Settings].
	SH Camera	Shoot with SH Camera (☞P.53 "SH Camera").
	SHSHOW*1	An app to introduce various information or content for handling AQUOS smartphones/tablets.
	SH tool	Use convenient functions such as the pedometer and dictionaries (☞P.61 "SH tool").
	Translation finder	Have English texts translated into Japanese in real time just by holding the camera over English texts. You can also shoot what you can see in Translation finder and select characters to search them with the dictionary or via the Internet (☞P.55 "Translation finder").
	TV	Use TV (1Seg) (☞P.50 "TV (1Seg)").
	Twitter	An official client app of Twitter. You can communicate with other people by sharing short messages on websites.
	Voice Search	Search information of websites by voice (☞P.19 "Searching information on the handset and websites").
	YouTube	Use YouTube (☞P.59 "YouTube").
	遠隔サポート (Remote support)*1	An app to use "Anshin Enkaku Support". "Anshin Enkaku Support" is a service that gives you operational support by having the handset screen you are using checked by special staff at a call center remotely (☞P.89 "Anshin Enkaku Support").
	しゃべってコンシェル (Shabette-Concier)*1	An app to figure out what you really want to know just by telling it and then allows you to search weather or transfer information of the public transport, make a call, set an alarm, etc. easily. Also, you can enjoy conversation with plenty of mascots.

Icon	App	Description
	データ保管BOX (Data Storage Box)*1, 2	An app to use Data Storage Box. Data Storage Box is a service which enables you to upload necessary files and easily manage them in cloud computing.
	トルカ (ToruCa)*1, 2	An app which enables you to store economical coupons of your favorite shops, useful information, etc. in one place (☞P.50 "ToruCa").
	フォトコレクション (Photo Collection) *1, 2	A service to back up photos and videos of up to 5 GB to cloud computing for free and access them from smartphones, tablets, PCs, etc.

*1 This service is provided in Japanese.

*2 When you use this app for the first time, you need to download it. Packet communication charges are incurred separately for downloading apps

*3 This is displayed when the home app is an item other than Google Now Launcher.

*4 A commercially available headphone or speaker supporting high resolution is needed.
The file formats of playable music data are WAV/FLAC at frequencies of 192 kHz/24 bit or less content.

*5 This is displayed when the home app is an item other than docomo LIVE UX.

- Some of the apps installed by default can be uninstalled. You may be able to download uninstalled apps again from Play Store (☞P.48 "Play Store") etc. Check the following website.
http://k-tai.sharp.co.jp/support/checkdev.html (in Japanese only)
- If [High-speed display] in Apps is enabled, you can display the screen smoothly (☞P.69 "Apps").

Managing apps

■ Moving apps to the home screen

1 In the home screen, [▦]▶touch and hold an app

2 Drag it to the home screen

■ Moving apps

1 In the home screen, [▦]▶touch and hold an app

2 Drag it to the destination

■ Uninstalling apps

1 In the home screen, [▦]▶touch and hold an app

2 Drag it to [Uninstall]▶[OK]

Installing recommended apps

Apps recommended by DOCOMO are displayed when you touch the Recommends button of the app list screen.

1 In the home screen, [▦] ▶ [Recommends]

- When you use this for the first time, select [おすすめアプリを見る] (See recommended apps).

2 Select an app

- The screen for downloading the app is displayed.
- If you touch [おすすめアプリをすべて見る] (See all the recommended apps), Chrome is activated and recommended apps are displayed.

Backing up/Restoring the home screen

You can restore the positions of apps, widgets, etc. in the home screen using data of docomo LIVE UX backed up to docomo cloud. At the time of restoration, a page for docomo service is added at the end of the home screen.

■ Backing up the home screen

1 In the home screen, [▦] ▶ [⋮] ▶ [Layout backup & Restore]

2 [⚙]

3 [BACKUP]

■ Restoring the home screen

1 In the home screen, [▦] ▶ [⋮] ▶ [Layout backup & Restore]

2 Select an item

- ■ Restore the latest backup data: Restore the home screen backed up last time.
- ■ Restore from backup data list: Select and restore a home screen from the backup data list.

Displaying all apps

This is a function to search an app's position.

1 In the home screen, [▦] ▶ [⋮] ▶ [Display all apps]

2 Select an app

- The home screen/The app list screen that selected app is placed in is displayed.

My magazine

This is a search service to display articles of genres you choose. The more you use it, the more it makes the settings come to match your preferences by guessing your preferences from the history of articles you have read or from information on your profile. Also, you can set whether to use customize of My magazine which is using notification, location data, docomo service subscription information, etc.

1 In the home screen, [📰]

- When you activate this for the first time, the genre selection screen is displayed. You can set genres to display by selecting ones and touching [OK].
- An article list screen sorted by genre is displayed.

2 Select an article

- To set My magazine: [⋮] ▶ [My Magazine settings]
- To use help: [⋮] ▶ [Help]

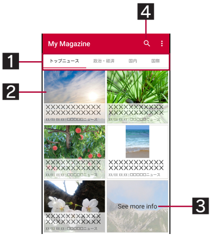
Setting genres

1 In the home screen, [📰]

2 [⋮] ▶ [Display category setting]

3 Select genres ▶ [OK]

Viewing articles



1 Genres to display
- ● Display articles of a selected genre.
- ● Slide it to the left/right to switch displays of genre.

2 Article
- ● Display articles.

3 See more info
- ● Display articles which are not displayed in the article list screen as a list.

4 Search

Information on apps

1 In the home screen, [▦] ▶ [⋮] ▶ [About]

Call

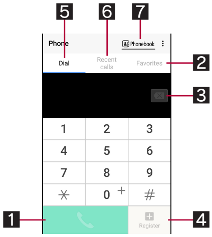
You can use the phone and phonebook, and make settings for call, voice/answering memo, operations available when calls are received, etc.

Making a call

1 In the home screen, [☎] ▶ [Dial]

2 Enter a phone number

- Always enter the city code, even when it is a local number.
- You can set to notify/not to notify the other party of your phone number for each call by adding "186"/"184" to the head of the phone number.



1 Call

- Make a call. Also, if there are outgoing call history items, touch it to enter the latest one when the phone number has not been entered.

2 Favorites

- Display the contacts set as favorites.

3 Delete

- Delete an entered number.
- Touch and hold it to delete all the entered numbers.

4 Register

5 Dial

- Display the dial screen.

6 Outgoing/Incoming call history

7 Phonebook

- Display the phonebook.

3 [☎]

- To make a video call: [⋮] ▶ [Video call]

4 [End call] to end the call

- If you talk on the handset with your hair put between the earpiece and your ear, the proximity sensor may not work properly. The screen may be kept turned on and the call may be interrupted when the screen is touched accidentally.

VoLTE

- VoLTE enables you to use call and video call of high quality.
- When you use VoLTE, the handset and the other party's device need to satisfy the following conditions.
  - ■ They are VoLTE compatible models
  - ■ They are inside the VoLTE available area
  - ■ Preferred network type is set to [LTE/3G/GSM(Auto)]/[LTE/3G] (☞P.84 "Preferred network type")
  - ■ Call mode setting is set to [VoLTE ON] (☞P.38 "Call settings/Other")

Entering touch-tone signals

When using services in which you are required to enter numbers additionally during a call, such as inquiry about the balance in your bank account or ticket reservation, enter pause (,)/wait (;) after entering a phone number to make a call with an additional number added to the main phone number.

■ Adding 2 seconds pause

After making a call to a main phone number, the handset automatically pauses for 2 seconds and an additional number is sent.

1 In the home screen, [☎] ▶ [Dial]

2 Enter a phone number ▶ [⋮] ▶ [Add 2-sec pause]

3 Enter a number to send ▶ [☎]

■ Adding wait

After making a call to a main phone number, the handset automatically waits and then a screen asking whether to send an additional number is displayed. Touch [YES] to send an additional number.

1 In the home screen, [☎] ▶ [Dial]

2 Enter a phone number ▶ [⋮] ▶ [Add wait]

3 Enter a number to send ▶ [☎]

4 [YES] during the call

Video call

By using video call, you and the other party can talk on the handset while seeing each other's image. Also, you can switch between voice call and video call while talking on the handset.

- Call charges and packet communication charges are incurred when making a video call. In addition, packet communication charges are incurred also when receiving a video call.
- Quality of image may differ depending on the usage environment because suitable communication levels are applied according to the usage condition.
- If you cannot switch to a video call during a voice call, [Switching to video call failed] is displayed and the voice call continues.
- Be careful not to cover the speaker section during a video call. The other party's voice may not be heard well.
- While using video call in the background, your image is not sent to the other party.
- As for image displayed during a video call, since processes for displaying image may differ depending on the model to use, ranges of your image displayed on the handset may differ from those displayed on the other party's device.

Emergency call

Emergency calls	Phone number
Police	110
Fire and ambulance	119
Marine emergency	118

- The handset supports "Emergency call location notification". When you make a call to an emergency number such as 110, 119 and 118, the information of your location (location information) is automatically notified to the agency that has received the emergency call (e.g. the police station). Depending on your location and the reception status of the signal, the agency that has received the emergency call may not be able to confirm the exact location.
  If you are not sending your caller ID by calling with "184" added or other means, your location information and phone number are not notified. However, if the agency that has received the emergency call considers your location information and phone number necessary for important purposes, such as life saving, the agency may retrieve them regardless of your settings.
  In addition, the area/timing to introduce "Emergency call location notification" depends on the state of preparation in each agency that receives emergency calls.
- In Japan, you cannot make a call to the emergency number (110, 119 or 118) when a docomo nano UIM card is not inserted, while the PIN code is locked, from the PUK (PIN Unlock Key) entry screen.
- When calling 110, 119 and 118 from your handset, the police or fire stations may return your call for verification purposes. State that you are calling from a mobile phone, and give your phone number and exact present location.
  Remain stationary to ensure that the call is not disconnected while you are on the line, and keep the handset turned on to receive calls for approximately 10 minutes afterwards.
- Depending on the region, calls to the police or fire station of the local area may not be made.
- When you make a call to the emergency number (110, 119 or 118) while Reject call setting is set, items of Reject call setting are set to [OFF].
- Emergency call may not be available in some networks.
- You cannot make a video call to the emergency number (110, 119 or 118).

International call (WORLD CALL)

WORLD CALL is an international calling service available from DOCOMO devices in Japan.

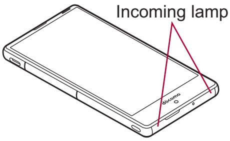
- The caller ID may not be notified or displayed correctly depending on overseas network operators. In this case, making a call with incoming call history is not available.

[Calling Method]

- When calling to a land-line phone: 010 ▶ country code ▶ area code (city code) ▶ the other party's phone number ▶ [📞]
- When calling to a mobile phone: 010 ▶ country code ▶ the other party's mobile phone number ▶ [📞]
- As for the other parties' mobile phone numbers and area codes (city codes) that begin with "0", omit the first "0" when entering (except some countries or regions such as Italy).
- Alternatively, enter "009130-010" as usual or "+" instead of "010".

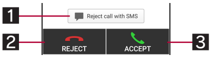
Answering a call

1 When a call is received, the ringtone sounds and the incoming lamp flashes

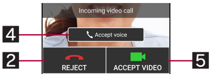


2 Answer the call

- Operate after touching [🔒].



Incoming voice call screen



Incoming video call screen

1 Reject call with SMS

- Reject the incoming call and send a selected SMS message to the other party.

2 Reject

- Reject the incoming call.

3 Accept

- Answer the call.

4 Accept voice

- Answer the call using voice call.

5 Accept video

- Answer the call using video call.

3 [END CALL] to end the call

Answering a call while display is turned on

When a call is received while a screen other than lock screen of the touch panel is displayed, the incoming notification is displayed. You can answer the call by using the notification.

1 When a call is received, the incoming notification is displayed at the top of the screen

2 [ACCEPT]/[ACCEPT VIDEO]

- Touch the incoming notification to display incoming voice call/video call screen.
- Flick the incoming notification to the left/right to hide the notification.

Placing a call on hold

1 When a call is received, the ringtone sounds and the incoming lamp flashes

2 [⋮] ▶ [Put a caller on hold]

Answering a video call without sending your own image

1 When a video call is received, the ringtone sounds and the incoming lamp flashes

2 [⋮] ▶ [Camera OFF response]

Answering by answering memo

1 **When a call is received, the ringtone sounds and the incoming lamp flashes**

2 **[⋮] ▶ [Absence Memo]**

Playing an answering memo

1 **In the home screen, [☎]**

2 **[⋮] ▶ [Call settings]**

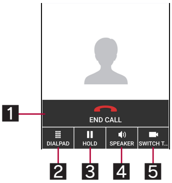
3 **[Call/Ans Memo]**

4 **[Answering Memo List]**

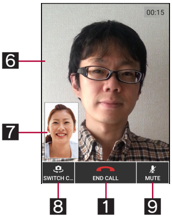
5 **Select an answering memo**

Operation during a call

You can carry out operations such as using a hands-free call and adjusting the in-call volume according to the usage condition during a call.



Voice call screen



Video call screen

1 End call
- End a call.

2 Dialpad
- You can enter touch-tone signals.

3 Hold
- Hold/Unhold a current call.

4 Speaker
- You can talk with hands-free.
- When a Bluetooth device is connected, you can switch audio output ports.

5 Switch to video
- Switch to a video call.

6 The other party's image
- If you cannot receive the other party's image, [⊘] is displayed.

7 Your own image

8 Switch camera
- Switch to the front camera/back camera.

9 Mute
- Enable or disable mute setting on a current call.

- Note the followings to use hands-free or video call.
  - Speak approximately 20 to 40 cm away from the mouthpiece. When the surroundings are noisy, the sound may break up and the call may not be satisfactory.
  - When calling outdoors, in a location where surroundings are noisy or where the sound echoes loudly, use an earphone/microphone.
  - If the sound breaks up during a hands-free call, lower the in-call volume.
- In the following cases, [(high-quality sound)] is displayed.
  - While receiving a voice call/During a voice call in VoLTE
  - While making a video call or receiving a video call/During a video call

Adjusting the in-call volume

1 **▯(+)/▯(−) during a call**

Switching to full screen display

Switch the video call screen to the full screen display.

1 **Touch the screen during a call**
- To disable the full screen display: Touch the screen

Using mute

Enable or disable the mute setting on a current voice call.

1 **[⋮] during a call ▶ [Mute]**

Adding a call

Place a current voice call on hold and make a call to another party.
- Subscription to Call Waiting Service is required to add a call.

1 **[⋮] during a call ▶ [Add call]**

2 **Enter a phone number ▶ [☎]**
- Touch the other party put on hold to switch to whom you talk.

Switching to voice call

Switch to a voice call during a video call.

1 **[⋮] during a call ▶ [Switch to voice call]**

Displaying dialpad

Display the dialpad during a video call.

1 **[⋮] during a call ▶ [Dialpad]**

Using Clear talk

When [Clear talk] is enabled, you can measure ambient noises using the microphone and communicate by making your voices sound clear during a call.

1 **[⋮] during a call ▶ [Clear talk]**

- Clear talk processes voices to make conversations sound clear. Sound quality may vary depending on the surrounding noises and the tone of the voice.
- When using Clear talk, make sure not to cover the hole of the microphone and move the mouthpiece as close to your mouth as possible for speaking.
- Clear talk is not available in the case that the other party's voice is not emitted from the earpiece, such as during a hands-free call.

■ Using Slow Talk

When [Slow talk] is enabled, the speed of the other party's voice is slowed down during a call and you can hear the voice well.

1 **[⋮] during a call ▶ [Slow talk]**

■ Switching audio output port

Set whether to talk with hands-free during a video call. When a Bluetooth device is connected, you can switch audio output ports.

1 **[⋮] during a call ▶ [Switch audio output destination]**

2 **Select an audio output port**

■ Switching image of camera

Set whether to send your own image during a video call.

1 **[⋮] during a call ▶ [Camera OFF]/[Camera ON]**

■ Switching image area

Switch displaying area of the other party's/your own image during a video call.

1 **[⋮] during a call ▶ [Switch video area]**

■ Voice memo

1 **During a call, [⋮] ▶ [Sound Memo]**

2 **[STOP]**

■ Displaying phonebook

1 **[⋮] during a call ▶ [Address Book]**

■ Checking your own phone number

1 **[⋮] during a call ▶ [My profile]**

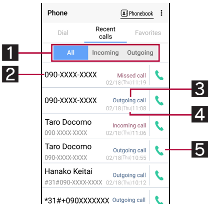
Outgoing/Incoming call history

The handset memory keeps a record of the 500 most recent outgoing and incoming call history items in total.

1 **In the home screen, [☎] ▶ [Recent calls]**

2 **[All]/[Incoming]/[Outgoing] ▶ select a history item**

- Information on whether the outgoing/incoming call history items are of voice call or video call is not displayed.



1 Switch displays of history
- Switch among all history, only incoming history and only outgoing history.

2 The other party's name/phone number

3 Outgoing call/Incoming call/Missed call

4 Date and time of outgoing/incoming call

5 Outgoing call icon
- Touch to make a voice call.

3 **[Call]**

- To register to the phonebook: [Register] ▶ select a destination ▶ set each item ▶ [Save]
- To compose and send SMS: [Send SMS] ▶ compose and send SMS
- To make a video call: [Video call]

Deleting outgoing/incoming call history

1 **In the home screen, [☎] ▶ [Recent calls]**

2 **[All]/[Incoming]/[Outgoing] ▶ [⋮] ▶ [Delete log]**

3 **Select a history item ▶ [Delete] ▶ [Delete]**

- To delete all history items: [Select all] ▶ [Delete] ▶ [Delete]

Voice/Answering memo

You can play or set the voice/answering memo. If you set the answering memo, the handset answers a call and records the caller's message when you cannot answer.

1 **In the home screen, [☎]**

2 **[⋮] ▶ [Call settings]**

3 **[Call/Ans Memo]**

4 **Select an item**

- ■ Answering Memo List: Play or delete answering memos etc.
- ■ Voice Memo List: Play or delete voice memos etc.
- ■ Answering memo setting: Make settings for operations of the answering memo.
- ■ Answering message setting: Make settings for the reply message of the answering memo.
- ■ Answer time setting: Make settings for how long before the answering memo answers a call.

- ● Up to 10 answering memos and voice memos (approximately 60 seconds per memo) can be recorded respectively.
- ● If a video call is answered by the answering memo, it automatically switches to a voice call and the message is recorded.
- ● If the number of saved answering memos exceeds the maximum number to be saved, answering memos which have been played are deleted from the oldest one. If no answering memo has been played, the handset does not answer calls by the answering memo.
- ● If the number of saved voice memos exceeds the maximum number to be saved, they are deleted from the oldest one.

Call settings/Other

You can make settings for call such as voice mail and call rejection.

1 **In the home screen, [☎]**

2 **[⋮] ▶ [Call settings]**

- Alternatively, in the home screen, [▦] ▶ [Settings] ▶ [Call] to make settings for call.

3 **Select an item**

- ■ Network service: For details ☞P.39 "Network service"
- ■ Roaming settings: For details ☞P.86 "Roaming settings"
- ■ Phone ringtone: Set the ringtone.

- Vibrate on ring: Set whether to activate the vibrator when receiving a call.
- Dialpad touch tones: Set whether or not to enable dialing sounds.
- Call/Ans Memo: For details ☞P.38 "Voice/Answering memo"
- Reject call setting: For details ☞P.39 "Reject call setting"
- Rejection SMS: Edit texts to use for Reject call with SMS.
- Simple secrecy for incoming calls: Set whether to hide the other party's name and image until holding the handset when receiving a call.
- Sub address settings: Set whether to set " ＊ " included in a phone number as a separator for sub address.
- Prefix settings: Make settings for the prefix number.
- Call mode setting: Set a network to use during a call.
- Call time: For details ☞P.39 "Call time"
- Contact docomo: For details ☞P.39 "Contacting docomo"
- Open source licenses: Display open source licenses.

Network service

1. In the home screen, [☎]
2. [⋮] ▶ [Call settings]
3. [Network service]
4. Select an item
    - Voicemail service: A service to answer calls with a reply message and record callers' messages for you.
    - Call forwarding service: A service to forward calls.
    - Call waiting: A service to place the current call on hold and answer a new incoming call when receiving a call during another call.
    - Caller ID notification: Display your phone number on the other party's phone when you make a call.
    - Nuisance call blocking service: Register and reject phone numbers of "nuisance calls" such as prank calls.
    - Caller ID display request service: Answer calls without notifications of phone number and play the guidance for asking notifications of the numbers.
    - Second call settings: Set whether to notify you of receiving a call during another call.
    - Call notification: Notify you of incoming call information with SMS.
    - English guidance: Play the guidance for setting each network service and the voice guidance stating that the handset is outside the service area etc. in English.
    - Remote operation settings: Operate Voice Mail Service, Call Forwarding Service, etc. from a touch-tone land-line phone, pay phone, mobile phone provided by DOCOMO, etc.
    - Public mode (power OFF) settings: Play a message stating that you are unable to answer because you are in a place that does not allow the use of mobile phone and automatically disconnect the call when receiving a call with the handset turned off.

● The following items are not available in video call.
  - Voicemail service
  - Call forwarding service
  - Call waiting
  - Second call settings

Reject call setting

1. In the home screen, [☎]
2. [⋮] ▶ [Call settings]
3. [Reject call setting]
4. Enter the passcode ▶ [OK]
5. Select an item
    - Reject specified numbers call: Set to reject incoming calls only from the specified callers.
        - To edit a specified number: [⋮] ▶ [Edit] ▶ edit the phone number
    - Reject unregistered call: Set to reject incoming calls from callers not registered in the phonebook.
    - Reject anonymous call: Set to reject incoming calls from callers not notifying their phone numbers.
    - Reject call from pay phone: Set to reject incoming calls from pay phones.
    - Reject unknown call: Set to reject incoming calls from callers whose phone numbers cannot be notified.

[Reject unregistered call]

● Even if you set Reject unregistered call, calls from contacts for whom the secrecy setting is set are received. The names and images registered in the phonebook do not appear and only the phone numbers appear.

Call time

1. In the home screen, [☎]
2. [⋮] ▶ [Call settings]
3. [Call time]
4. Select an item
    - Cumulated call time: Display the cumulated call time.
    - Reset cumulated call time: Reset the cumulated call time.
    - Auto-reset: Set whether to automatically reset the cumulated call time on the first day of every month.

Contacting docomo

1. In the home screen, [☎]
2. [⋮] ▶ [Call settings]
3. [Contact docomo]
4. Select an item
    - ドコモ故障問合せ (Inquiries to DOCOMO about malfunctions):Make a call for inquiries about malfunctions.
    - ドコモ総合案内・受付 (General inquiries to DOCOMO): Make a call for general inquiries.
    - 海外紛失・盗難等 (Inquiries about loss, theft, etc. while overseas): Make a call for inquiries about loss, theft, etc. from overseas.
    - 海外故障 (Inquiries about malfunctions while overseas): Make a call for inquiries about malfunctions from overseas.

Phonebook

You can manage phonebook data of "docomo account" in cloud computing or check My profile.

Adding contacts to phonebook

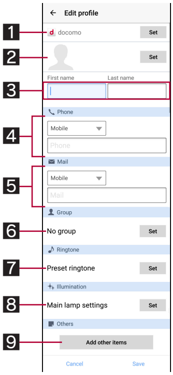
1 In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Contacts]

- When the confirmation screen for using cloud computing is displayed, check the content and select [Use]/[Not use].

2 [Register]

3 Set each item

- Information which can be registered may differ depending on the account type.


1
2
3
4
5
6
7
8
9
Edit profile
docomo
Set
Set
First name
Last name
Phone
Mobile
Phone
Mail
Mobile
Mail
Group
No group
Set
Ringtone
Preset ringtone
Set
Illumination
Main lamp settings
Set
Others
Add other items
Cancel
Save

1 Account

- Set to which account to register.

2 Image

- Register an image to display when making and receiving a call or checking the contact.

3 First name, Last name

4 Phone

5 Mail

6 Group

- Displayed only when you are using the group function.

7 Ringtone

8 Illumination

9 Add other items

- Add items such as the address and organization.

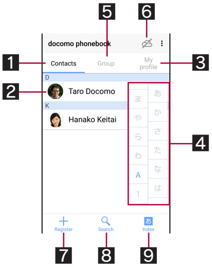
4 [Save]

Checking/Using phonebook

You can retrieve registered contacts from the phonebook to make calls and send mails.

1 In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Contacts]

2 Select a name


5
6
1
2
3
4
docomo phonebook
Contacts
Group
My profile
D
Taro Docomo
K
Hanako Keitai
あ
か
さ
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A
1
Register
Search
Index
7
8
9

1 Contacts

2 Image

3 My profile

- Display your phone number registered on the docomo nano UIM card.

4 Index bar

- Move to the touched heading.

5 Group

6 Use cloud computing

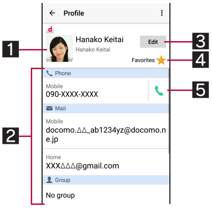
7 Register

8 Search

9 Index

- Display the index bar.

3 Check/Use registered information


1
2
3
4
5
Profile
Edit
Favorites
Phone
Mobile
Mail
Mobile
Home
Group

Hanako Keitai

090-XXXX-XXXX

docomo.ΔΔ_ab1234yz@docomo.ne.jp

XXXΔΔΔ@gmail.com

No group

1 Image

2 Registered contents

- Check or use the registered contents.

3 Edit

4 Favorites

- Set the contact as a favorite.
- Check the contacts set as favorites in [Favorites] of Group.
- It is not available on contacts created with some accounts.

5 Call

■ Selecting accounts to display

1. **In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Contacts]**
2. **[⋮] ▶ [Settings] ▶ [Accounts to display]**
3. **Select an item ▶ [OK]**
   - To customize an account to display: [Customize...] ▶ select accounts ▶ select groups ▶ [OK]

Deleting phonebook

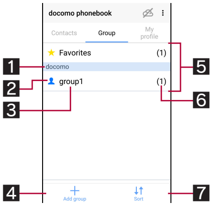
1. **In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Contacts]**
2. **[⋮] ▶ [Delete]**
3. **Select names ▶ [OK] ▶ [OK]**
   - To delete all items: [Select all] ▶ [OK] ▶ [OK]

Editing phonebook

1. **In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Contacts]**
2. **Select a name**
3. **[Edit]**
4. **Set each item ▶ [Save]**
   - For details on each item that can be set ☞P.40 "Adding contacts to phonebook"

Using groups

1. **In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Group]**
2. **Use groups**



1 **Account**
2 **Group icon**
3 **Group name**
4 **Add group**
- Add a group.

5 **Group**
6 **Number of contacts registered in the group**
7 **Sort**

- You cannot sort groups other than ones created with a docomo account.

■ Grouping/Ungrouping contacts

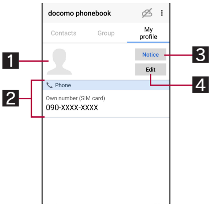
1. **In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Group]**
2. **Select a group**
3. **[Delete member]/[Add member]**
4. **Select names ▶ [OK] ▶ [OK]**

- The group function is available on contacts created with a docomo/Google account etc.

My profile

You can display your phone number registered on the docomo nano UIM card. You can also register your name, mail addresses, etc.

1. **In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [My profile]**
2. **Check/Use the profile**



Own number (SIM card)
090-XXXX-XXXX

1 **Image**
2 **Registered content**
3 **Notice**
- Make settings for Friends notice.
- Available only when you are using cloud computing.

4 **Edit**

■ Editing My profile

1. **In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [My profile]**
2. **[Edit]**
3. **Set each item ▶ [Save]**

Backing up/Restoring phonebook

You can back up/restore the phonebook by using docomo backup.

- For details on backing up/restoring phonebook by using docomo backup ☞P.63 "Backing up to/Restoring from a microSD Card"

Mail/Web Browser

You can send and receive messages using docomo mail, SMS, Gmail, etc., and display websites using Chrome.

docomo mail

You can send and receive mails using mail address of DOCOMO (@docomo.ne.jp). Data can be easily transferred when you have changed models or restored when you have lost the handset since sent and received mails are saved on the docomo mail server. Also, you can send, receive and view mails using the same mail address from multiple devices such as a tablet, PC browser, etc. if you use a docomo ID (d ACCOUNT).

● For details on docomo mail, refer to the DOCOMO website.

1 In the home screen, [✉]

- Follow the instructions on the screen and operate after this step.

SMS

You can send and receive text messages with mobile phone numbers serving as destinations.

※For details on the number of characters which can be sent and received etc., refer to "Short Message Service (SMS)" on the DOCOMO website.

● You can also exchange messages with those who use network of overseas network operators. Refer to the DOCOMO website for information on countries where this service is available and available overseas network operators.

1 In the home screen, [▦] ▶ [Messaging]

2 [✎]

3 Enter the destination and message ▶ [➤]

● You can switch Default SMS app to Hangouts (☞P.70 "More").

● If destinations are devices owned by those who use network of overseas network operators, enter "+", the country code and the recipient's mobile phone number. If the phone number begins with "0", omit the first "0". Alternatively, enter "010", the country code and the phone number.

● Half-width katakana and special symbols in SMS messages may not appear correctly for recipient.

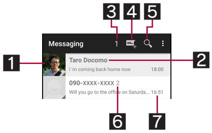
● SMS cannot be sent when "186" or "184" is added.

Displaying message

1 In the home screen, [▦] ▶ [Messaging]

2 Select a thread

- Messages are grouped into threads according to their destinations/senders and displayed.



Messaging

Taro Docomo

I 'm coming back home now 18:00

090-XXXX-XXXX 2

Will you go to the office on Saturda... 16:51

1 Image

● Displayed if an image of the other party is registered in the phonebook. Touch to display the registered content of the phonebook. If the person is not registered in the phonebook, you can register the person in the phonebook after touching the image.

2 Destination/Sender

3 Number of unread messages

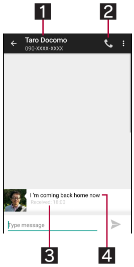
4 New message

5 Mail search

6 Number of messages in thread

7 Date and time of the message exchange

3 Check the message



Taro Docomo

090-XXXX-XXXX

I 'm coming back home now

Received: 18:00

Type message

1 Destination/Sender

2 Phone call

3 Date and time of the message exchange

4 Message

Replying message

1 In the home screen, [▦] ▶ [Messaging]

2 Select a thread

3 Enter the message ▶ [➤]

Forwarding message

1 In the home screen, [▦] ▶ [Messaging]

2 Select a thread

3 Touch and hold a message ▶ [Forward]

4 Enter the destination and message ▶ [➤]

Deleting message

1 In the home screen, [▦] ▶ [Messaging]

2 Select a thread

3 Touch and hold a message ▶ [Delete] ▶ [DELETE]

Deleting thread

1 In the home screen, [▦] ▶ [Messaging]

- To delete all threads: [⋮] ▶ [Delete all threads] ▶ [DELETE]

2 Touch and hold a thread ▶ [🗑] ▶ [DELETE]

Setting Messaging

1 In the home screen, [▦] ▶ [Messaging]

2 [⋮] ▶ [Settings]

3 Select an item

- ■ SMS Enabled: Set an app to send and receive SMSs with.
- ■ Delete old messages: When the number of saved messages reaches its limit, old messages are automatically deleted from the oldest one.
- ■ Text message limit: Set the number of messages to be saved by thread.
- ■ Delivery reports: Notify you that sent messages have been received every time a message is received.
- ■ Manage SIM card messages: Manage messages saved on the docomo nano UIM card.
- ■ Notifications: Notify you that messages have been received on the status bar.
- ■ Sound: Set the ringtone to be rung when a message is received.
- ■ Vibrate: Set the vibrator to be activated when a message is received.

[Delivery reports]

- When you send a message to mobile phones of other carriers, the notification for confirming that it has been received may not be sent to you.

Email

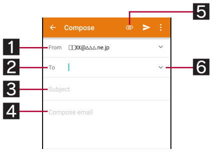
You can send and receive mails by setting up a mail account provided by a service provider.

- Set up an account in advance (☞P.24 "Setting up mail account").

1 In the home screen, [▦] ▶ [Email]

2 [✎]

3 Compose a mail



1 Account
- If you set up multiple accounts, you can switch accounts.

2 Destination
- When you enter part of a mail address or a name registered in the phonebook, destination candidates are displayed.

3 Subject

4 Message

5 File attachment

6 Add destinations
- Touch it to add Cc or Bcc.

4 [➤]

- Some receiving side models may not be able to receive the subject completely.
- Mails sent from a Gmail account are treated as ones from a PC. When receiving side models set PC-mail rejection, mails cannot be sent.
- Mails that could not be sent for any reason will be saved in Unsent folder as unsent mails.
- Depending on the signal status etc., characters may not appear correctly on the screen of the other party's device.

Attaching file

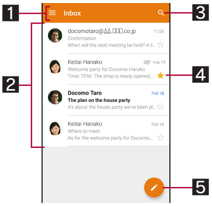
- Files of up to approximately 5 MB can be attached. There are no limits to the number of files to be attached.
- Depending on the receiving side device, files may not be received or correctly displayed/played. Also, the quality of videos may deteriorate or videos may be converted to continuous still pictures.

Displaying mail

- The screen may appear different depending on the account to use.

1 In the home screen, [▦] ▶ [Email]

2 Select a mail



docomotaro@△△.□□□.co.jp 11:05
Confirmation
When will the next meeting be held? A li...

Keitai Hanako Feb 19
Welcome party for Docomo Haruko
Time: 7P.M. The shop is newly opened,...

Docomo Taro Feb 18
The plan on the house party
It's about the house party we've been pl...

Keitai Hanako Feb 18
Where to meet
As for the welcome party for Docomo...

1 Box name/Folder name being displayed
- Touch [≡] to switch or set folders/accounts.

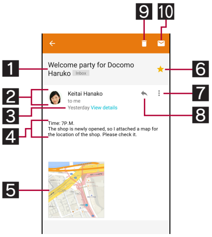
2 Mails
- The characters of sender or subject are displayed in thin characters when a mail is read.
- Touch images to checkmark the mails and you can set them to be deleted/unread/read etc. collectively.

3 Mail search

4 Star icon
- Use it as a mark indicating that the mail is special or supposed to be dealt with later.
- You can check starred mails in the Starred folder.

5 Newly compose mail

3 Check the mail



Welcome party for Docomo Haruko

Keitai Hanako
to me
Yesterday

Time: 7P.M.
The shop is newly opened, so I attached a map for the location of the shop. Please check it.

1 Subject

2 Sender/Destination
- If the sender is registered in the phonebook, the registered information of the phonebook is displayed after touching the image. If the person is not registered in the phonebook, you can register the person in the phonebook after touching the image.

3 Date and time of reception

- Touch to display/hide the details of sender, destination or data and time of reception.

4 Message

5 Attached file

6 Star icon

- Use it as a mark indicating that the mail is special or supposed to be dealt with later.
- You can check starred mails in the Starred folder.

7 Menu of each mail

- Touch to reply to all, forward or print by mail.

8 Reply

9 Delete

10 Unread

Replying/Forwarding mail

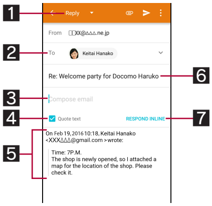
1 In the home screen, [▦] ▶ [Email]

2 Select a mail

3 [↩]

- To reply to all: [⋮] of each mail ▶ [Reply all]
- To forward: [⋮] of each mail ▶ [Forward]

4 Compose a mail



From □□XX@△△△.ne.jp

To Keitai Hanako

Re: Welcome party for Docomo Haruko

Compose email

On Feb 19, 2016 10:18, Keitai Hanako <XXX△△△@gmail.com >wrote:

Time: 7P.M.
The shop is newly opened, so I attached a map for the location of the shop. Please check it.

1 Reply type

- Touch to switch Reply/Reply all/Forward.

2 Destination

3 Message

4 Quote text

- Touch to display/hide the mail of the sender.
- You cannot operate it when forwarding mails.

5 Mail of sender

6 Subject

7 Respond inline

- Enter the mail of the sender in the message.

5 [▷]

Deleting mail

1 In the home screen, [▦] ▶ [Email]

- To delete selected mails: Touch the images of mails ▶ [🗑] ▶ [OK]

2 Select a mail

3 [🗑] ▶ [OK]

Setting Email

1 In the home screen, [▦] ▶ [Email]

2 [≡] ▶ [Settings]

3 Select an item

- General settings: Make settings for the whole Email.
- Add account: Add account.
- Privacy policy: Check the privacy policy.
- Select an account to make settings for the details on the account such as Signature and Email notifications.

Gmail

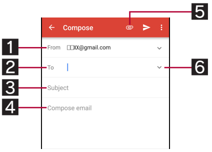
You can use a mail service provided by Google or Email provided by general service providers.

- If you have not set up a Google account or Email account, follow the instructions on the screen and set.

1 In the home screen, select "Google" folder ▶ [Gmail]

2 [✎]

3 Compose a mail



From □□XX@gmail.com

1 Account

- If you set up multiple accounts, you can switch accounts.

2 Destination

- When you enter part of a mail address or a name registered in the phonebook, destination candidates are displayed.

3 Subject

4 Message

5 File attachment

6 Add destinations

- Touch it to add Cc or Bcc.

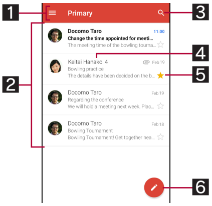
4 [▷]

Displaying mail

1 In the home screen, select "Google" folder ▶ [Gmail]

2 Select a thread

- In Gmail, mails are grouped into threads by reply and displayed. If new mails are replied ones of an existing mail, they are grouped into the same thread. A new thread is created for newly composed mails or mails whose subjects have been changed.



Docomo Taro 11:00
Change the time appointed for meeti...
The meeting time of the bowling tourna...

Keitai Hanako 4 Feb 19
Bowling practice
The details have been decided on the b...

Docomo Taro Feb 19
Regarding the conference
We will hold a meeting next week. Plac...

Docomo Taro Feb 18
Bowling Tournament
Bowling Tournament! Get together nea...

1 Box name/Label name being displayed

- Touch [≡] to switch or set displaying types/accounts.

2 Threads

- ● The characters of destination/sender or subject are displayed in thin characters when all mails in thread are read.
- ● Touch images to checkmark the threads and you can set them to be archived/deleted/unread/read etc. collectively.

3 Mail search

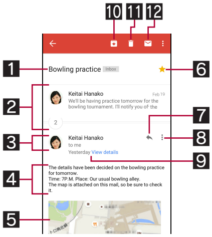
4 Number of mails in thread

5 Star icon

- ● Use it as a mark indicating that the thread is special or supposed to be dealt with later.
- ● You can check starred threads in the Starred folder.

6 Newly compose mail

3 Check the mail



We'll be having practice tomorrow for the bowling tournament. I'll notify you of the

The details have been decided on the bowling practice for tomorrow.
Time: 7P.M. Place: Our usual bowling alley.
The map is attached on this mail, so be sure to check it.

1 Subject

2 Grouped messages

- ● Touch to display grouped mails.

3 Sender/Destination

- ● If the sender is registered in the phonebook, available apps supporting the registered content of the phonebook are displayed after touching the image.
- ● Touch the sender to switch detailed display/simplified display.

4 Message

5 Attached file

6 Star icon

- ● Use it as a mark indicating that the thread is special or supposed to be dealt with later.
- ● You can check starred threads in the Starred folder.

7 Reply

8 Menu of each mail

- ● Touch to reply to all, forward, starred/unstarred or print by mail.

9 Date and time of reception

- ● Touch to display/hide the details of sender, destination or data and time of reception.

10 Archive

11 Delete

12 Unread

Replying/Forwarding mail

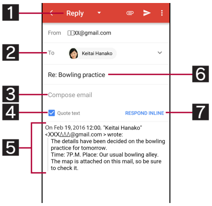
1 In the home screen, select "Google" folder ▶ [Gmail]

2 Select a thread

3 [↩]

- To reply to all: [⋮] of each mail ▶ [Reply all]
- To forward: [⋮] of each mail ▶ [Forward]

4 Compose a mail



From □□XX@gmail.com

Re: Bowling practice

On Feb 19, 2016 12:00, "Keitai Hanako" <XXX△△△@gmail.com > wrote:
The details have been decided on the bowling practice for tomorrow.
Time: 7P.M. Place: Our usual bowling alley.
The map is attached on this mail, so be sure to check it.

1 Reply type

- ● Touch to switch Reply/Reply all/Forward.

2 Destination

3 Message

4 Quote text

- ● Touch to display/hide the mail of the sender.
- ● You cannot operate it when forwarding mails.

5 Mail of sender

6 Subject

7 Respond inline

- ● Enter the mail of the sender in the message.

5 [▷]

Deleting thread

1 In the home screen, select "Google" folder ▶ [Gmail]

- To delete selected threads: Touch the images of threads ▶ [🗑]

2 Select a thread

3 [🗑]

Setting Gmail

1 In the home screen, select "Google" folder ▶ [Gmail]

2 [☰] ▶ [Settings]

3 Select an item

- ■ General settings: Make settings for the whole Gmail.
- ■ Add account: Add account.
- Select an account to make settings for the details on the account such as Notifications and Signature.

Early Warning "Area Mail"

Area Mail is an app to receive Early Warning "Area Mail" and check the received Area Mail.

- ● Area Mail is a service which enables you to receive earthquake early warnings or tsunami warning sent from the Japan Meteorological Agency or disaster and evacuation information sent from national and local governments without being influenced by congestion of the line.
- ● When an Area Mail is sent to you, it is automatically received and the contents of it are displayed whether or not the display is turned on or whether or not Screen lock is set.
- ● Area Mail may not be received or automatically displayed depending on the condition of the handset.
  - ・In the following cases, you cannot receive Area Mail.
    - ■ During a call*
    - ■ While the power is turned off
    - ■ While outside the service area

- ■ During international roaming
- ■ In Airplane mode

* Voice calls in VoLTE can be received.

- In the following cases, you may not be able to receive Area Mail.
  - ■ During packet communication
  - ■ During Wi-Fi tethering
  - ■ During USB tethering
  - ■ During software update
- In the following cases, you can receive Area Mail but it may not be automatically displayed.
  - ■ During packet communication
  - ■ During software update

● Area Mail is a free service that does not require a subscription.

1 Automatically receive an Area Mail

2 When the Area Mail is received, the special buzzer or special ringtone sounds and its message is displayed

■ Checking received Area Mail later

1 Drag the status bar down ▶ select the received Area Mail

- Alternatively, in the home screen, [▦] ▶ [Disaster kit] ▶ [Early Warning "Area Mail"] to check received Area Mail.

● You can receive Area Mail without subscription to sp-mode.

● You cannot receive the Area Mail (earthquake early warning) that failed to be received again.
It is possible to receive the Area Mail (tsunami warning, and disaster and evacuation information) that failed to be received again because it is resent.

● You can save up to 50 Area Mails

● If the number of Area Mails saved on the handset memory exceeds the maximum number to be saved, they are deleted from the oldest one.

Deleting Early warning "Area Mail"

1 In the home screen, [▦] ▶ [Disaster kit]

2 [Early Warning "Area Mail"]

3 Select a mail

- To select all Area Mails: [Select all]

4 [Delete] ▶ [OK]

Setting Early Warning "Area Mail"

Whether to receive Area Mail, operations for when receiving Area Mail, etc. can be set.

1 In the home screen, [▦] ▶ [Disaster kit]

2 [Early Warning "Area Mail"]

3 [⋮] ▶ [Settings]

4 Select an item

- ■ Receive setting: Set whether to receive Area Mail.
- ■ Beep tone: Make settings for the ring duration and operations in the manner mode.
- ■ Check screen image and beep tone: Confirm the reception screen and the ringtone for earthquake early warning, tsunami warning, and disaster and evacuation information.
- ■ やさしい日本語表示 (Display with simple Japanese): Set whether to display earthquake early warning and tsunami warning with simple Japanese.

● Settings of the earthquake early warning buzzer, ringtone dedicated to tsunami warning, and disaster and evacuation information, ringtone volume and vibrator cannot be changed.

Chrome

You can display websites via packet communication or Wi-Fi function.

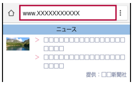
Displaying websites

1 In the home screen, [◎]

● Some websites may not appear properly.

■ Searching websites

1 Touch the URL entry field



2 Enter a keyword ▶ select a keyword

- Keywords that include the entered characters are displayed as a list.
- Alternatively, enter the entire keyword and [Go] to search websites.
- To reload the page: In the Chrome screen, [⋮] ▶ [↻]

■ Opening new tabs

1 In the Chrome screen, [⋮] ▶ [New tab]

● Chrome is displayed by tab in [History] of Quick Launcher. You can switch or delete tabs in [History] of Quick Launcher (☞P.27 "History").

■ Opening incognito tabs

You can display websites without your browsing history and search history being recorded.

1 In the Chrome screen, [⋮] ▶ [New incognito tab]

- When you display websites on an incognito tab, the surrounding area of the URL entry field is displayed in gray.

2 Touch the URL entry field

3 Enter a keyword ▶ [Go]

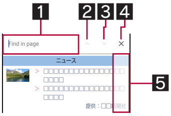
● Incognito tabs of Chrome are displayed in [History] of Quick Launcher as with usual tabs. You can switch or delete tabs in [History] of Quick Launcher (☞P.27 "History").

● The websites opened on incognito tabs are not recorded in history of Chrome (☞P.47 "Displaying websites from history"). Also, if you delete all incognito tabs from Quick Launcher, information such as Cookie is deleted. Downloaded files and bookmarked websites from incognito tabs can be saved, too.

■ Searching characters in the page

1 **In the Chrome screen, [⋮] ▶ [Find in page]**

2 **Search**



1 **Keyword entry field**
- ● Enter the keyword to search with.

2 **Previous**

3 **Next**

4 **End search**

5 **Search results bar**
- ● Move to the search result at the touched position.

■ Copying characters

1 **In the Chrome screen, touch and hold characters to copy**

2 **Drag your finger from the start position to the end position**

- To change the copy range: Drag [◯]/[◯]

3 **[⧉]**

■ Convenient functions

You can display a link with a new tab or download data such as images.

1 **In the Chrome screen, touch and hold a link/an image ▶ select a function to use**

Setting Chrome

1 **In the Chrome screen, [⋮] ▶ [Settings]**

2 **Select an item**

- ■ Sign in to Chrome: Sign in to Chrome with your Google account. You can synchronize information such as tabs, bookmarks and history saved when you used Chrome with the same account.
- ■ Search engine: Set a search engine to use when searching in the URL entry field.
- ■ Merge tabs and apps: Set whether to switch tabs in Chrome by "■". Set to Off to display numbers of opening tabs on the right side of the URL entry field and touch to switch tabs.
- ■ Autofill forms: Set information on your address or credit card to use when automatically filling out forms.
- ■ Save passwords: Make settings for saving passwords.
- ■ Home page: Set home page.
- ■ Privacy: Make settings for the functions that use your browsing information to improve user-friendliness.
- ■ Accessibility: Make settings for the display such as font size and zoom.
- ■ Site settings: Make settings for displaying websites and the information that they can use to improve user-friendliness.
- ■ Data Saver: Set whether to suppress the data communication volume.
- ■ About Chrome: Check information on Chrome.

Using bookmark and history

■ Saving bookmarks

1 **In the Chrome screen, [⋮] ▶ [☆]**

2 **[Save]**

■ Displaying websites from bookmarks

1 **In the Chrome screen, [⋮] ▶ [Bookmarks]**

2 **Select a bookmark**

■ Displaying websites from history

1 **In the Chrome screen, [⋮] ▶ [History]**

2 **Select a history item**

Apps

dmenu

In dmenu, you can easily access websites or convenient apps recommended by DOCOMO.

1 In the home screen, [dメニュー] (dmenu)

- Internet connection via packet communication (LTE/3G/GPRS) or Wi-Fi is required to use dmenu.
- Packet communication charge is incurred separately for connecting to dmenu and downloading apps introduced on dmenu. Some downloaded apps automatically perform packet communication.
- Apps introduced on dmenu include charged ones.

dmarket

An app which handles digital contents such as music, videos and books and provides you with various services such as shopping website and travel reservation websites.

1 In the home screen, [dmarket]

- For details on dmarket, refer to the DOCOMO website.

Play Store

By using Google Play, you can download and install useful apps or fun games to the handset.

- Set up a Google account in advance (☞P.24 "Setting up Google account etc.").

1 In the home screen, [Play Store]

- To display help: [☰] ▶ [Help & Feedback]

- Be sure to check the security of app, then install it at your own risk. The handset may be infected with a virus, data may be damaged, etc.
- Note that DOCOMO shall not be liable for malfunctions caused by the app etc. you installed.
- Note that DOCOMO shall not be liable for any disadvantage brought to you or any third party due to the app etc. you installed.

Purchasing apps

1 In the Google Play screen, select an app to purchase

2 Touch the price

- Follow the instructions on the screen and operate after this step.
- When the app is free: [INSTALL]
- If you make a purchase for the first time, select a payment method. You need to sign in to your Google Wallet account depending on the payment method.
- You can ask for a refund within a specified time after purchasing an app. The app is deleted and you are not charged. In addition, note that a refund request is available for each app only once. If you requested a refund for a purchased app in the past and purchase the same app again, a second refund request is not available. In the Google Play screen, [☰] ▶ [Help & Feedback] for details on the payment method when purchasing an app, the terms on refund requests, etc.

- Once you accept installation of an app, you are responsible for the results of using the app. Be very cautious about installation of apps that access many functions or a significant amount of data.
- Some downloaded apps automatically perform packet communication. Note that the packet communication charges may be higher.
- You need to pay for an app only once. Re-downloading apps which you previously uninstalled after first downloading will not be charged.
- If you have multiple Android™ devices that use the same Google account, you can download a purchased app to all of them at no additional cost.
- Note that DOCOMO provides no assistance for purchase of apps, refund, etc. from Google Play.

■ Uninstalling apps

1 In the Google Play screen, [☰] ▶ [My apps]

2 Select an app to uninstall

3 [UNINSTALL] ▶ [OK]

Osaifu-Keitai

Osaifu-Keitai is a function for using "Osaifu-Keitai compatible services" which enable you to pay, use the handset as coupons, etc. by simply holding it over scanning devices at stores etc. and using "Kazashite-Link compatible services" which enable you to access information by holding the handset over home electric appliances, smart posters, etc.
You can save electronic money, points, etc. on the IC card or docomo nano UIM card.
In addition, you can deposit electronic money, check the balance and the remaining points, etc. while you can lock Osaifu-Keitai functions in case of theft or loss.
For details on Osaifu-Keitai, refer to the DOCOMO website.

※To use Osaifu-Keitai compatible services, settings are necessary on a website or an app.

Using Osaifu-Keitai compatible handset

- The handset malfunctions may cause data on the IC card*1, data on the docomo nano UIM card*2 to be lost or changed (Note that as a rule, you will be asked to delete data when leaving your handset for repairs etc., since we cannot keep your handset with such data still remaining in it). For the service such as a reissue, restoration, temporary keeping or transference of the data, contact a provider of the Osaifu-Keitai compatible service you use. Be sure to use the Osaifu-Keitai compatible service including a backup service for important data.

- To use the Osaifu-Keitai compatible service by using data on the docomo nano UIM card, you need to install an app from a provider of the Osaifu-Keitai compatible service and set it even if you continue to use same docomo nano UIM card as before model change.
- DOCOMO shall not be liable for any loss or change of data on the IC card, data on the docomo nano UIM card or other damages related to Osaifu-Keitai compatible services caused by any reason such as malfunctions and model changes.
- When the handset is stolen or lost, immediately contact a provider of the Osaifu-Keitai compatible service you use for handling methods.

[1] The data saved on the built-in IC card of the Osaifu-Keitai compatible handset

[2] The data saved on the docomo nano UIM card

Using "Osaifu-Keitai compatible services"

- To use Osaifu-Keitai compatible services, download the Osaifu-Keitai compatible app from Osaifu-Keitai compatible websites and make the setting. Some services do not require the download of the Osaifu-Keitai compatible app.

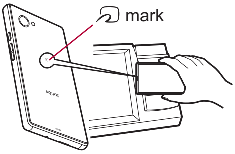
1 In the home screen, [▦] ▶ [Osaifu-Keitai]

- If the initial settings are not completed, the initial settings screen appears. Follow the instructions on the screen and operate.

2 Select a service

- Make settings on the website of the service or after downloading the app compatible with the service.

3 Hold the mark of the handset over the scanning device



- You cannot use Osaifu-Keitai compatible services in the following situations. However, you can pay by holding the handset over a scanning device.
  - ■ In Airplane mode
  - ■ When you are charging the handset, connecting Micro USB Cable 01 (sold separately) to it or connecting an earphone/microphone to it while the docomo nano UIM card is not inserted/when the handset has never received radio wave
- Osaifu-Keitai compatible services are available even if you cannot unlock the PIN code of the docomo nano UIM card or the PIN code is locked.
- If you have not subscribed to sp-mode, you may not be able to use some functions of an Osaifu-Keitai compatible service.
- The handset can communicate with scanning devices without activating Osaifu-Keitai compatible app.
- Communicating with the scanning device is available even if you turn the power off. However, you may not be able to use it if the power remains turned off for a long time or the battery level is insufficient.
- Some Osaifu-Keitai compatible services are not available during Emergency mode (☞P.19 "Emergency mode").
- Depending on the installed Osaifu-Keitai compatible app or app's settings, Osaifu-Keitai compatible services may not be used by holding the handset over the scanning device while the Screen lock is set, the display is turned off or power is turned off.

Using "Kazashite-Link compatible services"

- Enable [Reader/Writer, P2P] in advance (☞P.50 "NFC/Osaifu-Keitai settings").

1 Hold the mark of the handset over a device into which an NFC module is built, smart poster, etc.

Precautions about holding over the other device

- Pay attention to the following points when holding the mark over the other device such as a scanning device or device into which an NFC module is built.
  - ■ Do not let the handset strongly clashed with the other device but slowly bring the handset close to the other device when holding the mark over it.
  - ■ Hold the mark over the center of the other device and in parallel with it. If the other device does not recognize the built-in IC card even when you do so, slightly move the handset away from the other device or move the handset around.
  - ■ The other device may not recognize the built-in IC card if there are metallic objects between the mark and the other device. Remove the handset from its cover or case if the other device does not recognize the built-in IC card, since equipping the handset with it may influence the communication performance.

NFC/Osaifu-Keitai lock

You can restrict the use of the functions and services of Osaifu-Keitai by setting NFC/Osaifu-Keitai lock.

- NFC/Osaifu-Keitai lock differs from Screen lock of the handset and Set up SIM card lock.

1 In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [NFC/Osaifu-Keitai settings] ▶ [NFC/Osaifu-Keitai lock]

- Alternatively, in the home screen, [▦] ▶ [Osaifu-Keitai] ▶ [Lock Settings] to set NFC/Osaifu-Keitai lock.

2 Follow the instructions on the screen and enter the NFC/Osaifu-Keitai lock number

- While NFC/Osaifu-Keitai lock is set, [🔒] or [IC] is displayed on the status bar.
- When the battery runs out while NFC/Osaifu-Keitai lock is set, NFC/Osaifu-Keitai lock cannot be disabled. Be aware of the battery level. If the battery runs out, disable NFC/Osaifu-Keitai lock after charging the battery.
- To use the menu of Osaifu-Keitai while NFC/Osaifu-Keitai lock is set, disable NFC/Osaifu-Keitai lock.
- The NFC/Osaifu-Keitai lock number is not deleted even if you initialize the handset.
- When disabling NFC/Osaifu-Keitai lock, insert the docomo nano UIM card which had been inserted into the handset when NFC/Osaifu-Keitai lock was set.

NFC/Osaifu-Keitai settings

1 In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [NFC/Osaifu-Keitai settings]

2 Select an item

- ■ **NFC/Osaifu-Keitai lock**: For details ☞P.49 "NFC/Osaifu-Keitai lock"
- ■ **Reader/Writer, P2P**: Set whether to use the Reader/Writer, P2P function.
- ■ **Android Beam**: Perform data communication using Android Beam.
  - ・For details on Android Beam ☞P.80 "Android Beam"
- ■ **NFC Type setting**: Select an NFC type to use from among "FeliCa/Type A/Type B (Standard)", "FeliCa/Type A" or "FeliCa/Type B".
- ■ **Tap & Pay**: For details ☞P.50 "Tap & Pay"
- ■ **Lock No. change**: Change the lock number of NFC/Osaifu-Keitai lock.

Tap & Pay

You can enable/disable available services by holding the handset over the scanning device such as Osaifu-Keitai compatible services.

1 In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [NFC/Osaifu-Keitai settings] ▶ [Tap & Pay]

- Alternatively, in the home screen, [▦] ▶ [Osaifu-Keitai] ▶ [⋮] ▶ [Change setting of credit card etc.] to activate it.

2 Select a service

- Follow the instructions on the screen and operate after this step.
- To display help: [⋮] ▶ [Help] (in Japanese only)

ToruCa

ToruCa is an app which enables you to store economical coupons of your favorite shops, useful information, etc. in one place. You can retrieve one with various ways such as downloading from mail or website, Bluetooth function or IC tag. Retrieved information for ToruCa can be easily updated to the latest.

For details on ToruCa, refer to the DOCOMO website.

1 In the home screen, [▦] ▶ [ToruCa]

- ● Packet communication charges may be incurred for retrieving, displaying or updating ToruCa.
- ● When you retrieve ToruCa by using the Bluetooth function, you need to set [BluetoothでトルカをI増やす] (Increase ToruCa via Bluetooth) to ON.
- ● When you retrieve ToruCa from IC tag, you need to enable [Reader/Writer, P2P] (☞P.50 "NFC/Osaifu-Keitai settings").
- ● The following functions may not be available depending on the settings of the content provider.
  - ■ Updating
  - ■ Sharing ToruCa
  - ■ Displaying a map
  - ■ Retrieving from a scanning device
- ● If the initial settings of Osaifu-Keitai have not been made, ToruCa may not be retrieved from a scanning device.

iD appli

"iD" is electronic money provided by DOCOMO. You can pay easily and conveniently by holding an Osaifu-Keitai in which "iD" is set over scanning devices at stores. Two types of card information can be registered and you can switch them according to the benefits etc.

- ● For using iD with Osaifu-Keitai, setting of iD appli is required.
- ● Expense (annual fee etc.) for using iD service may vary depending on the credit card company.
- ● For setting and checking iD appli overseas, packet communication charges differ from those in Japan.
- ● For information on iD, refer to iD website.
  http://id-credit.com/ (in Japanese only)

TV (1Seg)

1Seg enables you to watch a terrestrial digital TV broadcasting service for mobile devices. It can receive data broadcasting with image and audio, and an interactive service adopting a communication function for mobile devices and detailed information available via communication can also be used.

For details on the "1Seg" service, see the website below.

The Association for Promotion of Digital Broadcasting:
http://www.dpa.or.jp/english/

■ Using 1Seg

1Seg is a service provided by TV broadcasters (broadcast stations) etc. Communication charges are not incurred for receiving image and audio. Contact NHK for details on viewing fees of NHK.
Available information in the area of the data broadcasting is "data broadcasting" information and "data broadcasting website" information.
"Data broadcasting" information is carried by broadcast wave together with image and audio. "Data broadcasting website" information is used to access and display websites provided by TV broadcasters (broadcast stations) etc. from the information on data broadcasting.
Packet communication charges are incurred when accessing a website such as a "data broadcasting website".
Some websites require information charges to use.

■ Broadcast wave

The radio wave received via 1Seg differs from that received via Xi services and FOMA services. Therefore, it cannot be received at a place where the broadcast wave for 1Seg does not reach or while the broadcasting is out of service, regardless of whether the handset is outside or inside the Xi service or FOMA service area.
Also, in the following places, the reception status may become weak or the signal may not be received even if the handset is inside the area of a terrestrial digital TV broadcasting service.

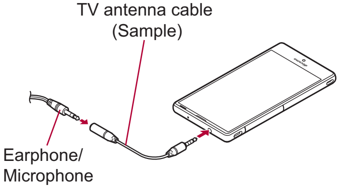
- ■ Place that is far from the base station/radio tower which sends the signal
- ■ Place where the signal is interrupted due to the landscape or buildings such as mountainous areas or behind a building
- ■ Place where the signal is weak or does not reach, such as a tunnel, basement or an inner area of a building

■ TV antenna cable

When you use (watch/record) TV, connect included TV antenna cable (Sample) to the earphone/microphone terminal of the handset.

Using an earphone/microphone

If you want to use an earphone/microphone while using TV antenna cable, connect the handset and a commercially available earphone/microphone with the TV antenna cable.



■ Improving reception status

Change the direction of the TV antenna cable, keep the handset apart from your body or move to another place so that the reception status may become better.

Creating channel lists

To watch TV, you need to create one or more channel lists and select one in advance.

- You can register up to three channel lists. You can register up to 12 stations in a channel list.
- Create channel lists inside the area of a terrestrial digital TV broadcasting service and after connecting the TV antenna cable (sample).

1 In the home screen, [▦] ▶ [TV]

- Only when channels are not set, the channel list creating screen appears.
- To add a channel list: In the 1Seg watching screen, [⋮] ▶ [Channel settings] ▶ [Edit channel list] ▶ [NEW]

2 Select an item

- ■ Create by selecting the area: Search for broadcast stations set in each area.
- ■ Create by searching channels: Search for channels available in the present location.

3 [SET]

- You cannot watch 1Seg overseas, since the broadcasting format and the broadcasting frequency are different.

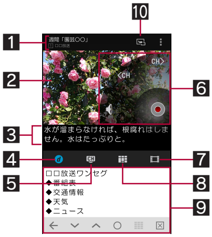
Watching TV

Watch 1Seg.

1 In the home screen, [▦] ▶ [TV]

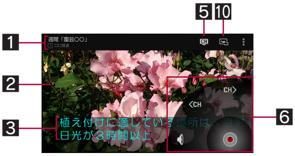
2 Watch 1Seg

- To adjust the volume: ▯(+)/▯(−)



水が溜まらなければ、根腐れはしません。水はたっぷりと。

□□放送ワンセグ
◆番組表
◆交通情報
◆天気
◆ニュース



植え付けに適している場所は、直射日光が３時間以上

1 Program information

- The program name and broadcast station name are displayed.

2 Image

- Touch it to display/hide the controller etc.
- Flick your finger to the left/right to select a station with UP/DOWN.

3 Subtitle

4 Data broadcasting key

- Display data broadcasting.

5 Channel switching key

- Display the channel switching screen.

6 Controller

- The following operations are available with displayed keys.
  - To select a station with UP/DOWN: [CH>]/[<CH][*1]
  - To enable or disable the mute setting: [🔈]/[🔇][*2]
  - To start/stop recording: [◉]/[■]

[*1] Touch and hold the key to select a station by searching a frequency.

[*2] Touch and hold the key to display the volume bar. Drag it to adjust the volume.

7 Recorded file list key

- Display the recorded file list.

8 Program list key

- Display the program list of the broadcast station whose program you are watching.
  - Touch a program to display the program details screen. Watching/Recording reservation is also available in the program details screen.

9 Information displaying area

- The operation keys are displayed while viewing the data broadcasting program or site.

10 Mini TV

- Switch to the mini TV. You can watch 1Seg while using another app (☞P.28 "Mini app/Widget").

- While watching 1Seg, colors in the screen may appear different.
- Even if the home screen is displayed while activating 1Seg, information of data broadcasting/data broadcasting websites may be automatically updated, since 1Seg is kept activated. Note that packet communication charges may be incurred.
- If you receive a call while watching 1Seg, 1Seg will resume after the call is terminated. While recording 1Seg, recording continues in the background.
- When you play videos with another app while the mini TV is being used, videos may not be displayed properly.

Recording of 1Seg

You can record 1Seg and save the recorded programs on the handset memory.

- Record 1Seg in a good reception status.

Estimated number of savable videos and recording time

Save destination	Number of savable videos	Recording time
Handset memory	Up to 99	Up to approx. 2,100 min

- You cannot record the 1Seg program on microSD card.
- Recording size/time for each recording is up to 2 GB/approx. 600 minutes. Even if the available space on the handset memory is sufficient, the video being recorded up to that point is saved and recording ends once the maximum recording size/time is reached.
- When you run out of available space on the handset memory, recording automatically ends, and the video being recorded up to that point is saved.

1 In the 1Seg watching screen, [◉]

2 Select a recording time

- When the set recording time has passed, recording ends and the video is automatically saved.
- To end recording: [■] ▶ [OK]
  - The video is automatically saved.

- Recording of some programs may be prohibited.
- When the time set for recording arrives while another 1Seg is being recorded, the recording of the latest timer-set program starts. The recording in progress up to that point ends, and the recorded program is saved.

Playing recorded video

Play a recorded video saved on the handset memory.

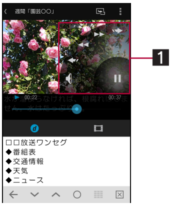
- Basic operations in video playback screen are the same as those in 1Seg watching screen. Operations that differ are explained here.

1 In the 1Seg watching screen, [🎞]

2 Watch the video

- To delete a recorded video: Touch and hold a video ▶ [🗑] ▶ [OK]

3 Watch the video



□□放送ワンセグ
◆番組表
◆交通情報
◆天気
◆ニュース

1 Controller

- The following operations are available with displayed keys.
  - To pause/play: [❚❚]/[▷]
  - To fast reverse/forward: [◁◁]/[▷▷]*1
  - To return to a location of approx. 5 seconds ago/skip to a location of approx. 15 seconds later: [⇦]/[⇨]
  - To enable or disable the mute setting: [🔈]/[🔇]*2
  - To play from the beginning: [⏮]*3

*1 Every time you touch it, the playback speed is switched.

*2 Touch and hold the key to display the volume bar. Drag it to adjust the volume.

*3 Displayed when the playback is finished.

- While a video is being played, recorded data broadcasting can also be displayed.

TV link

You can register memo information and URLs of related websites as TV link in some data broadcasting. If they are registered as TV link, you can check them from the TV link screen.

- You can register up to 50 TV links.
- Procedures for registering TV links may differ depending on the program.

1 In the 1Seg watching screen, [⋮] ▶ [TV Links]

- Display the registered TV links.

2 Select a TV link

■ Deleting TV links

1 In the 1Seg watching screen, [⋮] ▶ [TV Links]

2 Touch and hold a TV link ▶ [🗑] ▶ [OK]

Watching/Recording reservation of 1Seg

You can set a timer for watching or recording 1Seg. In addition, you can check the reservation status, result, etc.

- Record 1Seg in a good reception status.
- You can save up to 30 timer settings for watching and recording 1Seg.
- Multiple programs cannot be watched/recorded simultaneously. If the reservation period you are about to set overlaps with that of an existing timer-set program, a confirmation screen for registration appears. Check the content of the message, and then perform registration.

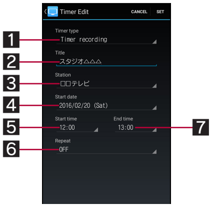
1 In the 1Seg watching screen, [⋮] ▶ [Timer]

- To delete a reservation: Select a reservation ▶ [🗑] ▶ [OK]
- To display the reservation result list: [Timer] ▶ [Results of timer]

2 [NEW TIMER] ▶ [Set a timer manually]

- To reserve from the program guide: [NEW TIMER] ▶ [Set a timer from G-GUIDE] ▶ reserve

3 Set each item



Timer type
Timer recording

Title
スタジオ△△△

Station
□□テレビ

Start date
2016/02/20 (Sat)

Start time
12:00

End time
13:00

Repeat
OFF

1 Timer type

- Switch timer types.

2 Title

- Enter a title.

3 Station

- Set a broadcast station.

4 Start date

- Set the start date.

5 Start time

- Set the start time.

6 Repeat

- Make settings for the repetition of the reservation.

7 End time

- Set the end time.

4 [SET]

- Depending on usage of the handset, available space on the handset memory, the program type, etc., you may not be able to watch/record the program or recording may end even if it is not finished yet.

Setting 1Seg

You can make settings for data broadcasting, auto exit time of 1Seg, etc.

1 In the 1Seg watching screen, [⋮] ▶ [General settings]

2 Select an item

- ■ Controller display position: Set the controller to be displayed on the left/right side.
- ■ Audio settings: Make settings for the sound quality.
- ■ Data broadcasting settings: Make settings for data broadcasting.
- ■ Alarm settings: Make settings for the alarm activated when a reserved program starts.
- ■ TV off timer: Set how long 1Seg will remain activated before it automatically ends.
- ■ Product information: Confirm the version of this app or privacy policy.

[Data broadcasting settings]

- When [Confirmation] is disabled, the confirmation screen for data broadcasting does not appear and information of data broadcasting/data broadcasting websites may be automatically updated. Note that packet communication charges may be incurred.

[TV off timer]

- When the set time arrives while you are recording 1Seg, the confirmation screen for ending the recording is displayed.

■ Audio/Subtitles settings

You can set subtitles to be displayed or change spoken language while watching 1Seg.

- Some functions may not be available depending on the program.

1 In the 1Seg watching screen, [⋮] ▶ [Audio/Subtitles]

2 Select an item

- ■ Switch audio: Set spoken language.
- ■ Switch sound-multiplex: Make settings for main/sub audio channel.
- ■ Switch subtitles: Make settings for subtitle to display.

SH Camera

You can shoot still pictures and videos. Also, you can switch settings of the camera according to the object to shoot.

Before using camera

- If dirt such as fingerprint or fat adheres on the lens part, images may be out of focus or blur. Wipe the lens with a soft cloth before shooting images.
- You cannot shoot when the battery level is insufficient. When you use the camera, charge the battery sufficiently in advance.
- Although the camera is made with high-precision technology, some pixels or lines look constantly dark or bright. Further, white lines and other noise increase in images especially when shooting images in dimly lit surroundings.
- If the camera lens part is exposed to direct sunlight for a long time, the internal color filter may discolor, creating a discoloration of shot images.
- The quality of images may deteriorate when shot or saved after the handset has been left in a warm location for a long time.
- Images shot in shooting conditions which include strong light source such as the sun or a lamp may appear dark or distorted.
- Shooting the sun directly may impair the performance of the CMOS.
- If you continue to use the camera in a state that internal temperature is high, the warning screen appears and the camera automatically ends after saving shot data.
- When [Focus Setting] is switched, sounds are heard from the camera lens. This is not a malfunction.
- The color and brightness of the object in images shot with the camera may differ from the actual color and brightness.
- Make sure that your fingers, hair, handset strap, etc. do not obscure the camera lens when shooting images.
- Because a larger picture size requires more data, movement in the image on the handset display may appear slow.
- Indoor fluorescent lighting etc. may create flickering or streaky shading on the screen. This flickering or shading may be reduced by changing the lighting conditions and brightness of the room or adjusting the camera brightness and white balance.
- Shot still pictures are saved in DCF1.0 (ExifVer.2.3, JPEG) format.
- The camera is not available while watching 1Seg.

Copyrights and rights of portrait

Images and audio recorded with the handset are for personal use and must not be used for any other purposes without the consent of the rightful person in accordance with the Copyright Act. Please note that acts such as the use or defacement of the likeness or name of other individuals without their consent may infringe on an individual's rights of portrait. Please be aware of copyrights and rights of portrait when posting images and audio recorded with the handset on the Internet or similar media. The recording of images or audio may be restricted at stage performances, shows, exhibitions, etc. even when the images or audio is recorded for personal use etc. Do not use the handset to send copyrighted images for uses other than those permitted under the Copyright Act.

If you cause the public any trouble using the handset, you may be punished under law or regulations (for example, nuisance prevention ordinance).

Please be considerate of the privacy of individuals around you when shooting and sending pictures using camera-enabled devices.

■ Operations while using camera

- If no operations are performed for approximately 3 minutes while activating the camera, the camera automatically ends. If characters etc. have been scanned, the scan results are deleted.
- The shutter sound volume cannot be changed.

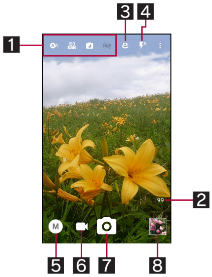
■ Picture size of camera

- The following picture sizes are available.

Shooting mode	Picture size
Shoot still picture	4K2K: 3840×2160*1
	FULL HD: 1920×1080*1
	13M: 4128×3096*1
	3.7M: 2560×1440*2
	5M: 2592×1944*2
	3M: 2048×1536*1
	VGA: 640×480
Shoot video	4K2K: 3840×2160*1
	FULL HD: 1920×1080
	HD: 1280×720
	VGA: 640×480
	QVGA: 320×240

*1 Available only when you use the back camera.
*2 Available only when you use the front camera.

■ Shooting screen layout



1 Setting icon displaying area
- Touch a displayed icon to change settings.

2 Remaining number for shooting
- Displayed when the remaining number for shooting decreases to 99 or less.
- Even after shooting a still picture/video, the number may not be changed.

3 Switching front camera/back camera
- Set to shoot with the front camera or back camera.
- Using some functions or changing settings are not available while you use the front camera.

4 Mobile light
- Switch settings of the mobile light.

5 Shooting mode
- Switching shooting modes (☞P.55 "Switching shooting modes").

6 Shooting videos

7 Shooting still pictures

8 Album/Thumbnail
- Activate Album or display the still picture or video you have just shot.

Shooting still pictures

1 In the home screen, [SH Camera]

2 Turn the camera of the handset (back camera) to an object

- To adjust the brightness: Slide your finger up/down
- To zoom: Slide your finger to the left/right or pinch out/in
  - Maximum magnification (zoom step) is approximately 8.0-fold (90 steps).
- To lock the focus: Touch the object
  - Touch anywhere other than focus mark to cancel the focus lock.
  - The focus cannot be locked if Focus Setting is set to [AF OFF].

3 [📷]/▯(+)/▯(−)

- Alternatively, you can shoot still pictures by touching the focus mark while the focus is locked.
- Touch and hold [📷] or hold ▯(+)/▯(−) down for at least 1 second to shoot multiple still pictures in a row.

- As for the focus lock, the object's movements are detected mainly on basis of the colors. Therefore, the object may not be detected properly if its color is faint or similar to the background color.

Shooting videos

1 In the home screen, [SH Camera]

2 Turn the camera of the handset (back camera) to an object

- To adjust the brightness: Slide your finger up/down
- To zoom: Slide your finger to the left/right or pinch out/in
  - Maximum magnification (zoom step) is approximately 8.0-fold (90 steps).

3 [🎥]

- To lock the focus: Touch the object
  - Touch anywhere other than focus mark to cancel the focus lock.
  - Touch the focus mark to shoot a still picture.

- The focus cannot be locked if Focus Setting is set to [AF OFF].

4 [◎]

- As for the focus lock, the object's movements are detected mainly on basis of the colors. Therefore, the object may not be detected properly if its color is faint or similar to the background color.

Camera settings

- Some functions are not available depending on the shooting mode being used etc.

■ Settings on shooting still pictures

1 In the home screen, [SH Camera]

2 [⋮]

3 [PICTURE]

4 Select an item

- ■ Picture Size: Switch picture sizes of still pictures.
- ■ Framing Advisor: Switch division lines for compositions and types of guide according to the scene for shooting.
- ■ HDR: Set whether to reduce blown out highlights when you shoot still pictures in a high contrast scene such as when you shoot against the light.
- ■ NightCatch: Set whether to shoot bright still pictures in a dark scene.
- ■ ISO Sensitivity: Set the sensitivity for incorporation of light according to the ambient brightness.
- ■ Shutter Mode: Set whether to automatically shoot the object when he/she smiles or looks back on the camera if Focus Setting is set to [Face AF].
- ■ OneTouch Shutter: Set whether to shoot still pictures by touching the screen.

[ISO Sensitivity]

- If you set ISO Sensitivity to high sensitivity, the shutter speed becomes fast. Therefore, it is possible to reduce object shake and camera shake or shoot clear images of an object in a dark place. However, the quality of still pictures deteriorates.

■ Settings on shooting videos

1 In the home screen, [SH Camera]

2 [⋮]

3 [VIDEO]

4 Select an item

- ■ Video Size: Switch picture sizes of videos.
- ■ NightCatch: Set whether to shoot bright videos in a dark scene.
- ■ Mic Setting: Set whether to use microphone.

■ Common settings on shooting still pictures/videos

1 In the home screen, [SH Camera]

2 [⋮]

3 [COMMON]

4 Select an item

- ■ White Balance: Set the color tone correction which is suitable for the ambient light source.
- ■ Focus Setting: Set the focus according to the object.
  - If you set [Face AF], detect faces of people.
- ■ Self-timer: Set whether to automatically shoot with a timer set.
  - Touch [⏱]/[⏱]/[⏱] when using the front camera to set/disable the timer.
- ■ Anti Flicker: Set to make the screen less susceptible to striped patterns when you shoot in a place with fluorescent lighting.
- ■ Save To: Set a save destination.
- ■ Add Location Information: Set whether to add location information.
- ■ Help: Check the functions of icons displayed on the shooting screen, operations on the touch panel or how to use functions.
- ■ Function Information: Check how to use with a video tutorial by using "Let's Try!".
- ■ Reset Settings: Reset settings.

■ Switching shooting modes

You can switch shooting modes to shoot with according to the shooting condition and object.

1 In the home screen, [SH Camera]

2 [◉]

3 Select an item

- ■ Easy auto: A mode to automatically adjust the camera according to the object.
- ■ Manual: A mode to adjust settings on shooting according to the object.
- ■ High speed record: A mode for shooting videos in High speed record. The shot video can be checked in Album (☞P.56 "Playing high speed videos").
- ■ Time Laps: Make a video by connecting still pictures that are shot at regular intervals.
- ■ Monochrome: A mode for monochrome shot.
- ■ Bleach bypass: A mode for shooting while making shady parts appear darker and stressing chromatic contrast.
- ■ DeFocus: Set the focus on a nearby object and shoot photos with its background blurred.
- ■ Photo Sphere: Activate the "Camera" app provided by Google and shoot panoramic photos with a viewpoint above/below you, of right/left of you and of 360° around you.
- ■ Camera Reader: Activate Camera reader.
  - When you use this app, you need to download it.
- ■ Translation: For details on Translation finder ☞P.55 "Translation finder"
- ■ Search Finder: For details on Search finder ☞P.56 "Search finder"
- ■ Hand Mirror: A mode for reflecting yourself like a hand mirror using the front camera (shooting is not available).
- ■ SHSHOW: Connect to the SHARP website and download an app for utilizing the camera.
- Icons of shooting modes that you have recently used appear at the top of the screen. Also, you can switch shooting modes by touching the icon.

Translation finder

You can have English texts translated into Japanese in real time just by holding the camera over English texts.

1 In the home screen, [▦]▶[Translation finder]

- Alternatively, in the home screen, [SH Camera]▶[◉]▶[Translation] to activate it.

2 Display English texts to translate on the screen

- Translated Japanese texts are displayed.
- Make sure that the entire English texts to translate are displayed on the screen.

3 [◉]

- The shutter sounds and the untranslated and translated still pictures are automatically saved.
- To display/hide translated texts: [▣]
- To zoom in/out: Pinch out/in
- To adjust angles of the characters: Put two fingers on the touch panel and move the still picture to get the characters laid out horizontally
- To search: Touch the translated Japanese texts or untranslated English texts ▶ [Net dict.]/[E/J dict.]/[Search]
- To copy the characters: Touch and hold the translated Japanese texts or untranslated English texts ▶ [Copy]
- To share the characters: Touch and hold the translated Japanese texts or untranslated English texts ▶ [Share] ▶ select an item

- ● You can only have English texts translated into Japanese.
- ● Texts may not be scanned or translated correctly depending on the English font, background, text color, text size, layout, etc.
- ● Texts which are not translated into Japanese cannot be searched, copied or shared.
- ● You may be able to have characters translated correctly by adjusting angles to get the characters laid out horizontally.

■ Setting Translation finder

1 In the Translation finder screen, [⊘] ▶ [⚙]

2 Set each item

Search finder

You can search characters in magazines, newspapers, etc. by holding the camera over them.

1 In the home screen, [▦] ▶ [Search finder]

- Alternatively, in the home screen, [SH Camera] ▶ [⊜] ▶ [Search Finder] to activate it.

2 Display characters to search ▶ trace the characters

- To pause/unpause displayed image: [○]/[⏸]

3 Select a search result

- Select a search result to activate an app supporting the content.
- To narrow down search results by type: [▣]/[▣]/[▣]
- To edit the characters to search: Touch the light blue area ▶ edit the characters ▶ [OK]

- ● Texts may not be scanned depending on the font, background, text color, text size, layout, etc. to search.

■ Setting Search finder

1 In the Search finder screen, [⊘] ▶ [⚙]

2 Set each item

Album

You can sort images and videos by event and location and use them.

1 In the home screen, [▦] ▶ [Album]

2 [☰] ▶ select a category

3 Select data

- To delete data: Touch and hold data ▶ [Delete] ▶ [YES]

4 Confirm the data

- ● If files are not displayed, they may be displayed normally by deleting a database file of Album. Connect the handset to a PC using Micro USB Cable 01 (sold separately) and delete ¥PRIVATE¥SHARP¥PM¥DATABASE folder on the handset memory or a microSD Card to use. If you delete the database file, created information of event, location, etc. are also deleted. Take extra precautions and check when deleting.

Sorting data

You can sort images and videos by created group.

■ Sorting by event

1 In the Album screen, [☰] ▶ [Event]

2 [Not set]

3 [✎] ▶ [Create new event]

4 Select data to classify ▶ [Create]

5 [INPUT NEW EVENT.] ▶ enter an event name ▶ [OK] ▶ [Create]

■ Sorting by location

- ● The data with location information attached is automatically sorted on a map.

1 In the Album screen, [☰] ▶ [Map]

2 [⋮] ▶ [Location settings]

3 Touch and hold the data to classify ▶ drag the data to the point to register it onto ▶ [OK]

Playing high speed videos

The videos shot by High speed record can be played smoothly or slowly. "120fps" or "210fps" is displayed in the thumbnail of the videos shot by High speed record.

■ Playing high speed videos smoothly

- ● Enable [High-speed display] of the app to use in advance (☞P.69 "Apps").

1 In the Album screen, select data

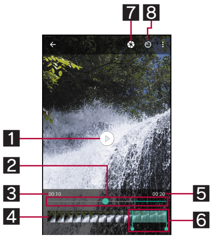
2 [▷]

- When the app selection screen is displayed, select the app to use.

■ Playing high speed videos slowly

1 In the Album screen, select data

2 [SLOW]



1 Play/Pause

2 Seek bar

- The parts set to slow playback range are displayed in green.

3 Playback time

4 Thumbnail

5 Total playback time

6 Slow playback range

- Appears during pause.
  - Touch the thumbnail to add the range to play slowly.
  - Drag [♁] to change the range to play slowly.

7 Still picture capture

- Touch it to save the image being displayed as a still picture.

8 Change slow speed

Export

You can save a video that slow playback range is played slowly. The saved video can be played in other player.

1 In the slow playback screen, [⋮] ▶ [Export]

2 Select an item

- ■ Export entire video: Export the entire video.
- ■ Export slow ranges: Export only the slow playback range.

Media Player

Play music data and video data saved on the handset memory or a microSD Card.

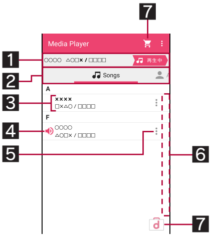
- The followings are the main file formats of playable music data.
  AAC LC, AAC+, enhanced AAC+, enhanced low delay AAC, AMR-NB, AMR-WB, FLAC, MP3, MIDI, Vorbis, PCM/WAVE, WMA, Opus
- The followings are the main file formats of playable video data. However, some files may not be displayed/played or may become intermittent.
  H.263, H.264, H.265, MPEG-4, WMV, WEBM

1 In the home screen, [▦] ▶ [Media Player]

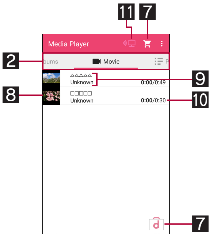
- If the confirmation screen asking whether to read the usage explanations of Media Player appears, follow the instructions on the screen and operate.

2 Select data

- Slide the data list screen down to display the search box of content.



Music data list screen



Video data list screen

1 Data being played/paused

2 Tab bar

- Slide it to the left/right to switch displays of category.

3 Title/Artist name/Album title

4 Icon indicating the data is being played/paused

5 Music data settings

- Touch it to set the music as a ringtone, add the music to a playlist or delete the music.

6 Index

- Slide the index up/down to move to the selected heading.

7 dmarket

- Activate dmarket.

8 Thumbnail

9 Title/Artist name

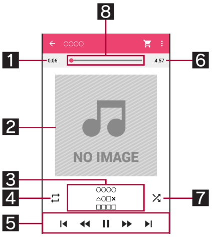
10 Playback time/Total playback time

11 Miracast settings

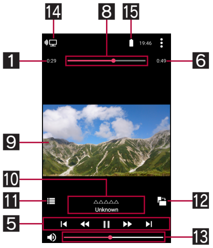
- Play videos on a TV with a wireless connection function etc. For details on Wireless output ☞P.82 "Wireless output"

3 Play music/video

- To adjust the playback volume: ▯(+)/▯(−)



Music playback screen



microSD Card slot (left side)

1 Playback time

2 Jacket image

- Touch it to display the volume bar etc.

3 Title/Artist name/Album title

4 Repeat

- When [❶] is superimposed, repeat only one song.

5 Operation panel

- The following operations are available with displayed keys[*1].
  - To play previous data/return to the beginning of the data: [|◀][*2]
  - To play next data: [▶|]
  - To return to a location of approx. 10 seconds ago/skip to a location of approx. 10 seconds later: [◀◀]/[▶▶]
  - To play/pause the data: [▶]/[❙❙]

  *1 In the video playback screen, the keys are displayed in white.

  *2 When the playback time is less than approximately 2 seconds: Play previous data
  When the playback time is approximately 2 seconds or more: Return to the beginning of the data

6 Total playback time

7 Shuffle

8 Seek bar

- Drag the seek bar to change the playback position.

9 Image

10 Title/Artist name

11 Data list screen

12 Auto-rotation lock of the screen

13 Volume bar

14 Miracast settings

- Play videos on a TV with a wireless connection function etc. For details on Wireless output ☞P.82 "Wireless output"

15 Battery level

■ Sorting tabs

1 In the data list screen, [⋮] ▶ [Settings]

2 [Arrange tabs]

3 Drag [☰] to the point to sort into ▶ [Done]

Managing playlists

■ Creating playlists

1 In the data list screen, [Playlist]

2 [Add] ▶ enter a playlist name ▶ [OK]

3 Select music data ▶ [Done]

4 [Save] ▶ [OK]

■ Editing playlists

1 In the data list screen, [Playlist]

2 Select a playlist

3 [Edit]

- To rename the playlist: [Edit title] ▶ enter a playlist name ▶ [OK]
- To sort music data: Drag [☰] appearing alongside the song to sort to the point to sort into
- To delete music data: Select music data ▶ [Delete selected songs]

4 [Save] ▶ [OK]

■ Deleting playlists

1 In the data list screen, [Playlist]

2 [Reorder/Delete]

3 Select playlists ▶ [Save] ▶ [OK]

GPS/Navigation

You can display Street View and search for routes using Maps. You can also search for facilities near a location on the map being displayed by genre.

Using GPS function

- GPS is a function to retrieve location information of devices by receiving radio wave from GPS satellites. It is necessary to set [Location] to On to measure the present location (☞P.70 "Location").
- You cannot use the handset as a navigation system for professional use of aircrafts, vehicles, person, etc. or surveying GPS of high accuracy. Note that DOCOMO shall not be liable for the pure economic losses such as ones caused by using the GPS for these purposes or by failing to confirm a positioning result or to communicate due to handset failure, malfunction or external factors such as power failure (including battery exhaustion).
- GPS is a service administered by the U.S. Department of Defense. Therefore, GPS radio wave condition may be controlled (accuracy degradation, radio wave abort, etc.) for US national security reasons. In addition, the same results may not be retrieved even when positioned in the same location and environment, since the radio wave conditions may change depending on the location of the GPS satellites.
- Note that GPS uses the radio waves from artificial satellites, therefore the following conditions may prevent the radio waves from being received or prevent the reception status of the radio waves from being satisfactory, resulting in an error of 300 m or more for location information.
  - ■ In or under a dense forest, in density area with buildings or residence
  - ■ In or under buildings
  - ■ In a basement, tunnel, underground or underwater
  - ■ Near high-tension line
  - ■ Inside cars, trains, etc.
  - ■ In bad weather with heavy rain/snow etc.
  - ■ In bags or boxes
  - ■ When people or objects are blocking the handset
  - ■ When hands are covering the GPS antenna area

- When using a GPS function overseas, the displayed map based on the acquired location information (latitude and longitude information) may not be accurate because of the legal system etc. in each country and the area.
- Packet communication charges may be incurred, since assisted GPS data such as satellite information is automatically retrieved when you measure present location.
- Packet communication charges are incurred when you display a map based on location information etc.

Maps

You can measure your present location, use the navigation function to check how to get to your destination in detail, etc.

- It is necessary to set [Location] to On to measure the present location (☞P.70 "Location").

1 In the home screen, select "Google" folder ▶ [Maps]

2 Use Maps

- To rotate the map: Keep a finger on the touch panel and turn the map to the desired direction with another finger
- To display sterically: Slide up with your two fingers at the same time
- To measure present location: [◎]

■ Street View

1 In the Maps screen, touch and hold any place ▶ touch the address, name of place or facility, etc.

2 [Street View]

- To change a displayed direction: Slide the screen up/down or to the left/right
- To move a displayed place: Touch an arrow
- To switch to the compass mode: [●]

- Some areas are not supported by Street View.
- When the compass mode is used, the geomagnetic compass of the handset and the direction displayed by Street View are associated with each other.

■ Searching for routes

You can search for a route from a start point to an end point.

1 In the Maps screen, [◆]

2 Select how to get to the end point ▶ touch the search box above

- The present location is entered while it is being measured.

3 Enter a start point

4 Touch the search box below

5 Enter an end point

- Follow the instructions on the screen and operate after this step.

■ Searching for facilities nearby

You can search for facilities near a location on the map being displayed by genre.

1 In the Maps screen, touch the search box

2 Select a genre of facilities to search

- Alternatively, you can search by entering a name of place to search in the search box.

3 Use the search result

- To display detailed information: Select an address, a name of place or facility, etc.

YouTube

YouTube is a free online video streaming service. You can play, search and upload videos.

1 In the home screen, select "Google" folder ▶ [YouTube]

2 Select a video

- To display the search box: [🔍]

Clock

You can use alarm, world clock, timer and stopwatch.

Alarm

Activate an alarm tone or vibrator at the specified time.

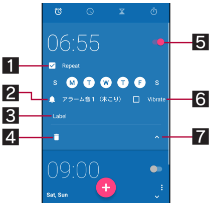
1 In the home screen, [▦] ▶ [Clock] ▶ [⏰]

2 Touch a time of register destination

- To add a register destination: [⊕]

3 Select a time ▶ [OK]

4 Set each item



1 Repeat
- Set the repetition of the alarm.

2 Alarm sound
- Set the alarm sound.

3 Label
- Enter the label.

4 Delete
- Delete the alarm.

5 Alarm ON/OFF
- Enable/Disable the alarm.

6 Vibration
- Set whether to use the vibrator.

7 Switch displays

- An alarm is not activated when the handset is turned off at the time for the alarm to ring.
- When the set alarm time arrives during a call, the other party's voice and notification sound are heard at the same time.

Stopping an alarm

Activate an alarm tone or vibrator at the set alarm time.

1 Slide [⏰] to [🔕] while an alarm is ringing

- To use a snooze: slide [⏰] to [💤]

Stopping an alarm while display is turned on

When the set alarm time arrives while a screen other than lock screen of the touch panel is displayed, the alarm notification is displayed. Stop the alarm by using the notification.

1 [DISMISS] while an alarm is ringing

- To use a snooze: [SNOOZE]

Adjusting an alarm volume

1 In the alarm screen, [⋮] ▶ [Settings]

2 [Alarm volume] ▶ adjust the volume ▶ [OK]

World clock

Display clocks for cities around the world.

1 In the home screen, [⠿] ▶ [Clock] ▶ [🕒]

2 [🌐]

3 Select a city

Timer

Activate an alarm tone after the specified length of time passes.

1 In the home screen, [⠿] ▶ [Clock] ▶ [⌛]

2 Enter the time ▶ [▶]

- To add 1 minute: [+1']
- To stop the countdown: [⏸]
- To reset the countdown: [↺]
- The alarm sound is activated after the specified length of time passes.
  - To stop the alarm sound: [⏹]

Changing a name

1 In the timer screen, [Label]

2 Enter a name ▶ [OK]

Adding a timer

1 In the timer screen, [⌛+]

Deleting a timer

1 In the timer screen, [🗑]

Stopwatch

You can measure the time using stopwatch. Also, you can measure the lap time (elapsed time)/split time (total elapsed time).

1 In the home screen, [⠿] ▶ [Clock] ▶ [⏱]

2 [▶]

- To measure the lap time and split time: [◷]

3 [⏸]

- To reset the measuring result: [↺]

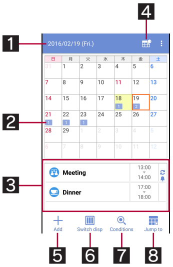
● You can record up to 98 history items of lap time and split time.

Schedule

Create and manage schedules.

1 In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [Schedule]

2 Check schedules



1 Selected date, name of holiday

2 Registered schedule

- The number of registered items is displayed.

3 Schedules for selected date

4 Search i-schedule

- Use i-schedule.

5 Add

- The method for registering schedules is the same as creating memos (☞P.61 "Memo").

6 Switch displays

- Switch display methods of the calendar.

7 Conditions

- Set conditions of schedules to be displayed. Also, you can search for schedules.

8 Jump to any date

Setting Schedule

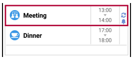
1 In the Schedule screen, [⋮] ▶ [Settings]

2 Select an item

- ■ "Today's schedule" setting: Set to notify the schedules of the day at the specified time.
- ■ Alarm: Make settings for the alarm.
- ■ Initial screen: Set a screen shown when Schedule is activated.
- ■ Starting day: Set the starting day of a week on the calendar.
- ■ Update birthday data: Apply birthday data in the phonebook to the calendar.
- ■ Change account: Set an account used when creating schedules.
- ■ Cloud setting: Set whether to use cloud computing.

Deleting a schedule

1 In the Schedule screen, touch and hold a schedule



2 [Delete one] ▶ [DELETE]

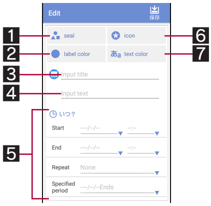
Memo

Create and manage memos.

1 In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [Memo]

2 [Add]

3 Set each item



1 Sticker

- You can paste and remove stickers (Deco-mail pictogram/ pictogram) which decorate memos nicely.

2 Label color

- Change label colors.

3 Title

4 Text

5 Edit details

- You can set the details such as date and time or attach images.

6 Icon

- Change icons.

7 Text color

- Change text colors of the title.

4 [保存] (Save)

Calculator

1 In the home screen, [▦] ▶ [Calculator]

2 Calculate

- To copy the calculation result: Touch and hold the calculation result ▶ [copy]

- Results or history information may be deleted while Calculator is activated in the background.

SH tool

You can use convenient functions such as the pedometer and dictionaries.

- For details on AV Device Link ☞P.82 "Using AV Device Link"
- For details on Contents Manager ☞P.77 "Contents Manager"

- When you use Voice Recorder or Camera reader for the first time, you need to download it.
- The icon of Camera reader is not displayed in the app list screen even after it is downloaded. Activate it from SH tool or SH Camera.

Pedometer

You can record the number of steps, walking distance, calories burnt, etc.

You can also display the history of the number of steps as graph and compare it on an hourly basis etc.

1 In the home screen, [▦] ▶ [SH tool] ▶ [Recommendation] ▶ [Pedometer/ calories]

2 [YES]

3 [User Information]

- At the time of purchase, temporary figures are registered for User Information. Set User Information properly before use.

4 Enter the passcode ▶ [OK]

5 Set each item ▶ [◁]

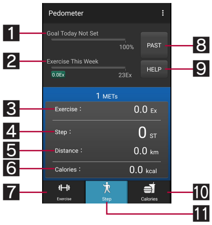
6 [Pedometer On] ▶ [◁]

- The number of steps is always counted while the power is turned on.
- The display of the pedometer is reset once a day.

Cautions when counting the number of steps

- In the following cases, the number of steps may not be counted correctly.
  - When the handset shakes irregularly
    - When a bag etc. which contains the handset shakes irregularly by hitting legs or hip
    - When you are dangling the handset from your waist, bag, etc.
  - When you walk irregularly
    - When you walk with your feet sliding or when you walk irregularly wearing sandals, geta, slippers, etc.
    - When a disarray of walk occurs such as by walking in the crowded place
  - When the handset is used in a place with up-and-down movement or frequent vibration
    - When you stand up or sit down
    - When you play sports
    - When you walk up/down stairs or steep slope
    - When the handset is being wobbled in a vehicle (bicycle, car, train, bus, etc.)
    - While sounds are being emitted from the speaker
    - While the vibrator is being activated
  - When you walk extremely slowly
- When carrying the handset in Carry Case 02 (sold separately), put the Carry Case 02 on a belt etc.
- When carrying the handset in a bag, pouch, etc., place it in a stable space such as in a pocket or compartment.
- The number of your first steps made for approximately 4 seconds is counted, but it will not be displayed as counted steps. Keep walking, and then the total number of steps including it will be displayed as counted steps.

Pedometer screen layout



1 **Achievement rate (available only when you set your goal)**
2 **Volume of exercise done this week**
3 **Volume of exercise done today**
4 **Number of steps made today**
5 **Distance walked today**
6 **Calories burnt today**
7 **Exercise mode**
8 **History of the pedometer**

- Touch [Hour]/[Day]/[Week]/[Month] at the bottom of the screen after touching the history key to switch displays.

9 **Help**
10 **Calories mode**
11 **Step mode**

Disabling the pedometer

1. **In the pedometer screen, [⋮] ▶ [Settings]**
2. **[Pedometer On]**

Changing the user information

1. **In the pedometer screen, [⋮] ▶ [Settings]**
2. **[User Information]**
3. **Enter the passcode ▶ [OK]**
4. **Set each item**

Setting the pedometer reset time

1. **In the pedometer screen, [⋮] ▶ [Settings]**
2. **[Pedometer Reset Time]**
3. **Enter the time ▶ [SET]**

Setting goal

1. **In the pedometer screen, [⋮] ▶ [Set Goal]**
2. **Set each item**

Resetting data

1. **In the pedometer screen, [⋮] ▶ [Reset Data] ▶ [YES]**

Checking total data

1. **In the pedometer screen, [⋮] ▶ [Total Data]**

Dictionary

Built-in dictionary

You can search the word meaning by using built-in dictionaries.

- By default, the following e-dictionaries are built in the handset (Part of the dictionaries may differ from printed versions due to computerization).
  - "明鏡国語辞典MX 第二版" (Meikyo Japanese Dictionary MX (2nd edition))
    ©KITAHARA Yasuo and Taishukan, 2012
  - "ジーニアス英和辞典MX 増補版" (Genius EJ Dictionary MX (expanded edition))
    ©MINAMIDE Kosei, NAKAMURA Mitsuo and Taishukan, 2012
  - "ジーニアス和英辞典MX 第２版" (Genius JE Dictionary MX (2nd edition))
    ©MINAMIDE Kosei, NAKAMURA Mitsuo and Taishukan, 2012

1. **In the home screen, [▦] ▶ [SH tool] ▶ [Dictionary]**
2. **[Japanese dictionary]/[English-Japanese dictionary]/[Japanese-English dictionary]**
3. **Enter a word/phrase ▶ select the word**
   - Corresponding candidate words are displayed every time a character is entered.
   - To search another word: [Home]
     - ・After this, enter a word/phrase and search again.
   - To check history: [History] ▶ select a history item
   - To add word card: [Add word card]
   - To check word card: [▤] ▶ select a word card

Word test

1. **In the built-in dictionary screen, [Word test]**
2. **Select the numbers of words and start test**
3. **[Show]/[Next]**
   - To end test before completion: [Exit]
4. **[QUIT]/[AGAIN] to end the test**

Net dictionary

You can search the word meaning by using online dictionaries.

1. **In the home screen, [▦] ▶ [SH tool] ▶ [Dictionary]**
2. **[Net dictionary]**
3. **Enter a word/phrase ▶ [SEARCH] ▶ select the search result**
   - To search another word: [Home]
     - ・After this, enter a word/phrase and search again.
   - To check history: [History] ▶ select a history item

docomo backup

You can back up to/restore from "Data Storage Box" or "microSD Card".

Backing up to/Restoring from Data Storage Box

You can move and back up data such as music data and call logs by using Data Storage Box.

- The following data can be backed up to/restored from Data Storage Box.
  - ■ Music data
  - ■ Call log
  - ■ User dictionary

1 **In the home screen, [▦] ▶ [docomo backup]**

2 **[Backup/restore to docomo cloud]**

■ Backing up data to Data Storage Box

1 **In the screen for backing up to/restoring from Data Storage Box, [Backup]**

- If the confirmation screen for login is displayed, follow the instructions on the screen and operate.

2 **Select the data categories to save ▶ [Start backup] ▶ [Backup]**

3 **Enter the docomo apps password ▶ [OK]**

4 **[Back to top]**

- Periodical backup enables you to automatically back up relevant data selected in advance to Data Storage Box every month.
- Note that the packet communication charges may be higher if you use Periodical backup.

■ Restoring data to the handset

1 **In the screen for backing up to/restoring from Data Storage Box, [Restore]**

- If the confirmation screen for login is displayed, follow the instructions on the screen and operate.

2 **[Select] of a data category to restore**

3 **Select a backup file ▶ [Select]**

4 **[Add]/[Overwrite] ▶ [Start restore] ▶ [Restore]**

5 **Enter the docomo apps password ▶ [OK]**

6 **[Back to top]**

- When you restore data from Data Storage Box, data is restored to the save destination from which it was backed up. If you change models etc., data may be restored to a save destination different from the location from which it was backed up.

Backing up to/Restoring from a microSD Card

You can move and back up data such as phonebooks and docomo mails by using an external memory device such as a microSD Card.

- The following data can be backed up to/restored from a microSD Card.
  - ■ Phonebook
  - ■ docomo mail
  - ■ Image
  - ■ Video
  - ■ Music data
  - ■ Call log
  - ■ User dictionary
  - ■ ToruCa
  - ■ Schedule/Memo
- When a microSD Card is not inserted, images, videos, music data, etc. are saved on the handset memory. When you use Backup/restore to microSD, only the data saved on the handset memory are backed up. The data saved on a microSD Card are not backed up.

1 **In the home screen, [▦] ▶ [docomo backup]**

2 **[Backup/restore to microSD]**

- Do not remove the microSD Card from the handset while backing up or restoring data. Data on the handset may be damaged.
- When the battery level is insufficient, backup or restoration may not be available. In this case, back up or restore again after charging the handset.

■ Backing up data to a microSD Card

- Insert a microSD Card in advance.

1 **In the screen for backing up to/restoring from the microSD Card, [Backup]**

2 **Select the data categories to save ▶ [Start backup] ▶ [Backup]**

3 **Enter the docomo apps password ▶ [OK]**

4 **[Back to top]**

- When you back up phonebook to a microSD Card, you cannot copy phonebook data without name.
- When the available space on the microSD Card is insufficient, backup may not be available. In this case, secure enough space by deleting unnecessary files from the microSD Card.

■ Restoring data to the handset

- Insert a microSD Card that includes backup files created via Backup/restore to microSD in advance.
- When restoring phonebooks, you can also restore files created with PhoneBookCopy or with a function in an i-mode-enabled device which allows you to back up data to a microSD Card.

1 **In the screen for backing up to/restoring from the microSD Card, [Restore]**

2 **[Select] of a data category to restore**

3 **Select a backup file ▶ [Select]**

4 **[Add]/[Overwrite] ▶ [Start restore] ▶ [Restore]**

5 **Enter the docomo apps password ▶ [OK]**

6 **[Back to top]**

■ Copying phonebook of Google account to docomo account

1 **In the screen for backing up to/restoring from the microSD Card, [Phonebook account copy]**

2 **[Select] of a phonebook of Google account ▶ [Overwrite]/[Add] ▶ [OK]**

- If the name of a phonebook item (phone number etc.) on other devices differs from that on your handset, the name of the item may be changed or deleted. Also, characters which can be registered to phonebook differ among devices, so the characters may be deleted at the copy destination.

Handset Settings

Setting menu

In the home screen, [▦] ▶ [Settings] to display the menu and make various settings for the handset.

- [🔍] while Settings is displayed ▶ enter a keyword to search with to search the setting items.

Profile	Display your phone number registered on the docomo nano UIM card and register a name, mail address, etc.
Sound/ notification	Make settings for the manner mode, ringtone, notification sound, etc.
Illumination	Set when to make the incoming/charging lamp flash. You can set a flashing pattern or an illumination color for when receiving a call.
Display	Make settings for the screen display etc.
Battery & energy saving	Activate Energy saving settings or Energy save standby, check the battery usage, etc.
Home applications	Switch lock screens or home apps to use.
Call	Make settings for call such as voice mail and call rejection.
Storage	Check the available space on a microSD Card, the handset, etc., manage files, etc.
Useful	Make settings for エモパー (Japanese only) (emopa (Japanese only)), Clip Now, Grip magic, On/off with motion, View with flip cover or Recent apps key, or perform Self check.
Apps	Check names, versions, memory usage, etc. of apps, enable/disable apps, uninstall them, etc.
Wi-Fi	Make settings for the Wi-Fi function.
Bluetooth	Connect the handset and Bluetooth devices wirelessly.
Data usage	Measure the volume of data communicated via mobile networks and display it on a diagram.
More	Make settings for other functions in Wireless & networks.
docomo service/ cloud	Make settings for the docomo service.
Location	Make settings for measuring location information.
Lock & Security	Make settings for the security lock.
Language & input	Make settings for the language displayed on the screen, character entry, text-to-speech, etc.
Backup & reset	Back up data using a Google account, transfer data to/from among devices, perform Reset all, etc.
Accounts	Add/Set accounts or make settings for data synchronization.
Date & time	Make settings for the date and time and their format.
Accessibility	Make settings for accessibility options.
Printing	Print with an app supporting the print function by installing a print app (plug-in).
About phone	Check the information about the handset.

Profile

You can display your phone number registered on the docomo nano UIM card and register a name, mail address, etc.

1 In the home screen, [▦] ▶ [Settings] ▶ [Profile]

2 [Edit]

3 Set each item ▶ [Save]

Sound/notification

You can make settings for the manner mode, ringtone, notification sound, etc.

1 In the home screen, [▦] ▶ [Settings] ▶ [Sound/ notification]

2 Select an item

- Mode settings: For details ☞P.65 "Mode settings"
- Media volume: Set the volume of the media playback sound.
- Alarm volume: Set the volume of the alarm.
- Ring volume: Set the volume of the ringtone.
- エモパー volume (Volume of emopa): Set the volume of emopa.
- For Incoming call: Make settings for operations for when receiving calls.
- Interruptions: Set whether to ring the ringtone and notification sound.
- For notification: Make settings for operations for receiving notifications.
- When device is locked: Make settings for the notification displayed in the lock screen of the touch panel.
- App notifications: Set to display/hide notifications or make settings for Priority of notifications by app.
- Notification access: Check available apps to access the notification.
- Other sounds: Set whether to activate the vibrator when a specific key operation etc. is carried out or set whether or not to enable operation sounds for when touching menus etc.

[When calls and notifications arrive] of Interruptions

- The following items can be set.
  - Always interrupt: Activate a ringtone or notification sound.
    - If Standard manner mode is set, the vibrator is activated.
  - Allow only priority interruptions: Activate a ringtone or notification sound according to the settings of Priority interruptions of [Interruptions] or the settings of Priority of [App notifications].
    - If Standard manner mode is set, the vibrator is activated.
  - Don't interrupt: Set not to activate ringtone or notification sound.
- [Don't interrupt] and Silent manner mode are associated with each other. If you change either setting, another setting is changed.

[When device is locked]

- The following items can be set.
  - ■ Show all notification content: Set to display the notifications in the lock screen.
  - ■ Hide sensitive notification content: Set not to display details such as the other party's phone number or the number of notifications in the lock screen.
    - ・You can use this item when Screen lock is set to an item other than [None] or [Swipe or Touch].
  - ■ Don't show notification at all: Set not to display the notifications in the lock screen.

Mode settings

You can set to avoid disturbing others when in public.

1 In the home screen, [▦] ▶ [Settings] ▶ [Sound/ notification] ▶ [Mode settings]

- Alternatively, ▯(⏻) (for at least 1 second) ▶ [🔇×]/[📳]/[🔊] to enable/disable the manner mode.

2 Select the type of the manner mode

- ■ Standard manner mode: The ringtone and operation sound are silenced, and the vibrator is activated when receiving a call or others. When Answering memo setting is set to [Mannermode], the answering memo is enabled and operated according to its setting.
- ■ Silent manner mode: The ringtone and operation sound are silenced, and even the vibrator is not activated when receiving a call or others. When Answering memo setting is set to [Mannermode], the answering memo is enabled and operated according to its setting.
- ■ OFF: Disable the manner mode.

- The following sounds are not silenced even when the manner mode is set.
  - ■ Shutter sound of shooting still pictures
  - ■ Focus locking sound of shooting still pictures
  - ■ Record start/end sound of shooting videos
  - ■ Media playback sound (music, video, 1Seg, etc.)
- The manner mode is disabled if you turn the ringtone volume up while the manner mode is set. The manner mode is set if you set the ringtone volume to "0" when the manner mode is not set.

Illumination

You can set when to make the incoming/charging lamp flash. You can set a flashing pattern or an illumination color for when receiving a call.

1 In the home screen, [▦] ▶ [Settings] ▶ [Illumination]

2 Select an item

- ■ For incoming call: Set whether to make the illumination flash when receiving a call.
- ■ Illumi pattern/color for incoming call: Make settings for a flashing pattern or a flashing color for when receiving a call.
- ■ Notification: Set whether to make the illumination flash when receiving a notification.
- ■ When start charging: Set whether to make the illumination flash when charging starts.
- ■ When unlocking: Set whether to make the illumination flash when unlocking the touch panel.

Display

Make settings for the screen display etc.

1 In the home screen, [▦] ▶ [Settings] ▶ [Display]

2 Select an item

- ■ Wallpaper: Set an image for the home screen.
- ■ Welcome Sheet: Make settings for the screen displayed when the touch panel is locked.
- ■ EDGEST Effect: Make settings for the effect on edges of the screen shown when the display is turned on, during an incoming call, etc.
- ■ Brightness level: For details ☞P.65 "Brightness level"
- ■ Screen timeout: Set the light duration of the backlight.
- ■ Quality mode: Make settings for the picture quality.
- ■ glove mode: Set whether to make it possible to operate by touching the screen while wearing a glove.
- ■ When device is rotated: Set whether to switch the screen to horizontal/vertical display when rotating the handset 90° to the left/right.
- ■ Font Settings: Make settings for the text size or text font.
- ■ VeilView: For details ☞P.66 "VeilView"
- ■ Daydream: Set whether to use the screen saver.
- ■ Display left percents of Battery: Set whether to display the percentage of the remaining battery level on the status bar.

[Welcome Sheet]

- You can set it only when [Feel Home] is selected in Batch change lock screen/ home application.

[Screen timeout]

- Note that the continuous stand-by time is shortened when increasing the light duration.

[glove mode]

- Touching operation may not be available depending on materials for the glove.
- Sweep ON (☞P.68 "On/off with motion") is not available while wearing a glove although [glove mode] is set to ON.
- Set [glove mode] to OFF when you are not wearing a glove.

[When device is rotated]

- This function may not follow the setting depending on the app in use.

[Font Settings]

- Font may not appear correctly when activating an app downloaded from Google Play etc.

Brightness level

1 In the home screen, [▦] ▶ [Settings] ▶ [Display] ▶ [Brightness level]

2 Select an item

- ■ Automatic brightness: Set whether to automatically adjust brightness of the backlight. When not automatically adjusting, set the brightness manually.
- ■ Brighten while charging: Set whether to brighten the display while charging.

3 [OK]

[Automatic brightness]

- Note that the continuous stand-by time is shortened when increasing the brightness of the display.

VeilView

You can prevent others from seeing the display.

1 In the home screen, [▦] ▶ [Settings] ▶ [Display] ▶ [VeilView]

2 Select an item

- ■ VeilView: Set whether to enable VeilView.
- ■ Switching by motion: Set whether to make VeilView able to be enabled/disabled by putting your hand over the upper part of the display side for approximately 2 seconds.
- ■ Pattern setting: Set the display pattern.
- ■ Density setting: Make an adjustment for the effect (shading) to prevent others from seeing the display.

[VeilView]

- ● [VeilView] is disabled if the power is turned off.

[Switching by motion]

- ● Note that this function may be operated in the following cases.
  - ■ When the upper part of the display side is covered while you are carrying the handset in a bag, pocket, etc.
  - ■ When you put the handset with the display side turned down
  - ■ When you place an object on the upper part of the display side
- ● This function may not be operated on horizontal display, during a call, etc.
- ● If you enable [Switching by motion] while [Turn off by putting in pocket] of On/off with motion is enabled, [Turn off by putting in pocket] is disabled.

[Pattern setting]

- ● The effect of preventing others from seeing may differ depending on the selected patterns.

Battery & energy saving

You can activate Energy saving settings or Energy save standby, check the battery usage, etc.

1 In the home screen, [▦] ▶ [Settings] ▶ [Battery & energy saving]

2 Select an item

- ■ Energy saving settings: For details ☞P.66 "Energy saving settings"
- ■ Energy save standby: For details ☞P.66 "Energy save standby"
- ■ Battery: Check the battery usage etc.

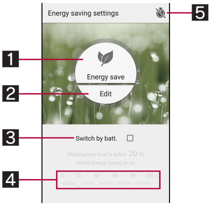
Energy saving settings

You can register settings for the various functions while checking the energy saving effect (Eco level) available when enabling Energy save.

If you enable Energy save, the registered settings are applied and you can save the battery power. You can also set to switch to Energy save according to the battery level and the time.

1 In the home screen, [▦] ▶ [Settings] ▶ [Battery & energy saving] ▶ [Energy saving settings]

2 Set



When battery level is below 20 % switch Energy saving to on.

1 Energy save

- ● Switch to Energy save.

2 Edit

- ● Set the functions to save energy for individually such as Energy saving standby.

3 Switch by batt.

- ● Set whether to switch to Energy save when the battery level reaches the specified level.

4 Battery level to switch

- ● Set the battery level to switch to Energy save at.

5 Switch time

- ● Set whether to switch to Energy save when specified time arrives.

- ● When Energy saving standby is set to [ON], it controls the apps that operate in the background while the display is turned off.
- ● The apps that communicate periodically may not start the communication even if Energy saving standby is set to [OFF]. In this case, set the corresponding app again.
- ● Some settings for saving energy are disabled during charging.

When [Energy save] is enabled by Switch by batt.

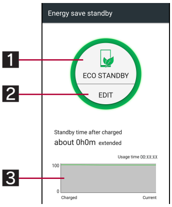
- ● [Energy save] is not disabled even when the time set for Switch time arrives.
- ● [Energy save] is disabled when the battery level exceeds the battery level to switch.
- ● [Energy save] is not disabled even if [Switch by batt.] is disabled.

Energy save standby

You can control the apps that operate in the background while the display is turned off.

1 In the home screen, [▦] ▶ [Settings] ▶ [Battery & energy saving] ▶ [Energy save standby]

2 Set



Standby time after charged
about 0h0m extended

1 Eco standby

- ● Switch to Eco standby.

2 Edit

- ● Set apps to control.

3 Battery usage status

- ● Check the battery usage etc.

Storage

You can check the available space on a microSD Card, the handset, etc., manage files, etc.

1 In the home screen, [▦] ▶ [Settings] ▶ [Storage]

2 Select an item

- ■ Mount microSD/Unmount microSD: Mount/Unmount the microSD Card.
- ■ Erase microSD: Format the microSD Card.
- ■ Encrypt microSD/Release microSD encryption: Encrypt/Decrypt the microSD Card.
- ■ Unmount USB memory: Unmount the USB memory.
- ■ File Management: Manage data saved on the USB memory etc.

[Unmount microSD]

- ● Unmount the microSD Card before removing it.

[Erase microSD]

- ● Note that all the data on the microSD Card will be deleted when formatted.

[Encrypt microSD], [Release microSD encryption]

- ● Carry out the operations while charging the battery with its battery level still left sufficiently.
- ● Set Screen lock to Pattern, Lock No. or Password in advance (☞P.70 "Lock & security").
- ● When the available space on the microSD Card is insufficient, encryption/decryption is not available.
- ● Data on the encrypted microSD Card is not available in devices other than the handset used for encrypting it.
- ● You can use the microSD Card that has been encrypted as usual by decrypting it.
- ● Note that when you have carried out Reset all with microSD Card encrypted, you cannot use the data on the microSD Card. Release the encryption before carrying out Reset all.
- ● If you insert a microSD Card into the handset that has been used for encrypting another microSD Card, the handset can only read data on it.
- ● The handset can write data into the read-only microSD Card after encrypting the microSD Card.
- ● Encrypting/Decrypting a microSD Card may take time. Do not stop charging the battery or do not remove the microSD Card while it is being encrypted. Data on it may be lost if the encryption is interrupted.

[Unmount USB memory]

- ● Unmount the USB memory before removing it.

USB connection

You can change the settings for connecting the handset to a PC using Micro USB Cable 01 (sold separately).

1 In the home screen, [▦] ▶ [Settings] ▶ [Storage]

2 [⋮] ▶ [USB connection]

3 Select an item

- ■ MTP mode: This is a mode for transferring data to the handset memory or a microSD Card using a PC compatible with MTP.
- ■ PTP mode: This is a mode for transferring still pictures to the handset memory using a PC compatible with PTP.
- ■ Card reader mode: This is a mode for using a microSD Card inserted into the handset as an external memory for a PC.
- ■ Tethering settings: Make settings for the tethering. For details ☞P.24 "Tethering"
- ■ Continuation of last connection mode: Set whether to continue to use the previous connection mode.

- ● When you transfer a great deal of data, the transference may be interrupted. In this case, split the data into several files and send them separately.

Useful

You can make settings for エモパー (Japanese only) (emopa (Japanese only)), Clip Now, Grip magic, On/off with motion, View with flip cover or Recent apps key, or perform Self check.

1 In the home screen, [▦] ▶ [Settings] ▶ [Useful]

2 Select an item

- ■ エモパー (Japanese only) (emopa (Japanese only)): For details ☞P.67 "emopa"
- ■ Clip Now: For details ☞P.68 "Clip Now"
- ■ Grip magic: For details ☞P.18 "Grip Magic"
- ■ On/off with motion: For details ☞P.68 "On/off with motion"
- ■ View with flip cover: Set whether to display the screen for the small window when the handset is equipped with a flip cover which is equipped with a small window.
- ■ Recent apps key: Set a function to use when you touch [◘]. For details ☞P.17 "Navigation keys"
- ■ Self check: For details ☞P.69 "Self check"

[View with flip cover]

- ● Set [glove mode] to OFF when using the screen for the small window (☞P.65 "Display").

emopa

Based on your information and settings of emopa registered in advance, the handset delivers various information through voice or screen display in the lock screen of the touch panel. emopa responds by its voice or screen display if you answer emopa's voice with your voice.

Also, when you tell emopa the content what you want to take a memo such as a schedule, emopa memorizes and delivers it according to the schedule (emopa memo).

The handset will get to deliver information at better timing by learning the usage conditions of your handset.

- ● Packet communication charges are incurred when you use emopa.
- ● The present location may be measured so that emopa can recognize your home, information of nearby facilities, etc. It is necessary to set [Location] to On to measure the present location. Set Mode of Location services to [High accuracy]. If [Location] is set to Off or Mode is set to [Battery saving], emopa cannot deliver information requiring measurement of the present location (☞P.70 "Location").

1 In the home screen, [▦] ▶ [Settings] ▶ [Useful] ▶ [エモパー(Japanese only)] (emopa (Japanese only))

- • If the initial settings are not completed, the initial settings screen appears. Follow the instructions on the screen and operate.
- • It is recommended to make settings for 職場・学校 (Workplace and school) by [あなたについて] (About you) after completing the initial settings.
- • If the initial settings are completed, the emopa screen is displayed. You can check the state of emopa and your information.

Settings of emopa

1 In the emopa screen, [⚙]

2 Select an item

- ■ エモパー選択 (Select emopa): Set emopa and its name. Also, add emopa from the website.
- ■ 基本動作について (About basic operation): Make settings for the basic operations such as the volume of emopa and the timing that emopa starts to talk.
- ■ あなたについて (About you): Make settings for your information such as your nickname, home, workplace and school.
- ■ エモパーの話題 (Topics of emopa): Set what kind of information emopa delivers.
- ■ エモパーメモ (emopa memo): Set the place to use the emopa memo etc.
- ■ エモパーの記憶 (Memories of emopa): Save, delete or restore information registered for emopa or contents learned by emopa.
- ■ 初期設定 (Initial settings): Make initial settings for emopa.
- ■ 注意事項 (Precautions): Check the emopa version, the terms of service, privacy policy, etc.
- ■ FAQ: Access the "よくある質問 (FAQ)" (Frequently asked questions) of the official emopa information website, emopark (in Japanese only).

Timing for emopa to talk

- ● If you put down the handset horizontally etc. while the lock screen is displayed or while the display is turned off in a place which you set for [自宅] (Home) or [自宅のほかにお話しできる場所] (The place emopa can talk other than your home) of あなたについて (About you), emopa starts to talk.
- ● While connecting an earphone to the handset, emopa talks to you regardless of the place or time.
- ● emopa starts to talk by shaking the handset several times (approximately 2 seconds) in the lock screen.

Using emopa memo

If you touch the screen twice while the display is turned off or the lock screen is displayed and tell emopa about a schedule etc., emopa memorizes and delivers it according to the schedule.

- ● In the lock screen, touch the area where a clock, icon, information etc. is not displayed.
- ● If [外出先でメモ] (Take a memo outside your home) of エモパーメモ (emopa memo) is enabled, you can use emopa memo anyplace as well as the place you have set for [自宅] (Home) or [自宅のほかにお話しできる場所] (The place emopa can talk other than your home) of あなたについて (About you).
  - ・When you tell emopa outside, put the earpiece to your ear like making a call.
- ● A memo emopa memorized is registered in Calendar. If you tell emopa including the word to express time such as "明日" (tomorrow), "今週" (this week) or "そろそろ" (soon), emopa delivers information at the timing you have told with the memo.

- ● When you make initial settings for emopa, [Pedometer On] is enabled (☞P.61 "Pedometer").
- ● You can adjust the volume by pressing ▯(+)/▯(−) while emopa is talking.
- ● emopa does not talk from 2:00 a.m. to 5:00 a.m.
- ● emopa supports only Japanese.
- ● Information delivered by emopa may not accurately correlate to the usage conditions of your handset.
- ● If an earphone is not connected to the handset and the handset is put down with its display turned down, emopa does not talk.
- ● Information delivered by emopa is restricted overseas.
- ● emopa may be updated from Play Store for improving and changing how to use it, increasing variations of talking, etc. For information on emopa, refer to the official emopa information website, emopark, since emopa is subject to change from the contents of this manual.
  http://k-tai.sharp.co.jp/dash/emopa/index.html (in Japanese only)

Clip Now

You can shoot the screen being displayed as an image (archival screenshot) by tracing the edge of the screen with your finger. You can save the URL with the archival screenshot when shooting a Chrome screen.

Also, you can use a screenshot for a temporary memo which can be saved temporarily.

1 In the home screen, [▦] ▶ [Settings] ▶ [Useful] ▶ [Clip Now]

2 Select an item

- ■ Clip Now: Set whether to use Clip Now.
- ■ Help: Display the explanation of Clip Now.
- ■ Slide operation settings: Set operations when tracing the screen.
- ■ Delete All: Delete all archival screenshots you have shot.

- ● Data may not be saved completely or partially depending on the app.

■ Shooting archival screenshots

1 Display the screen to save ▶ trace the edge of the screen to the right from upper left of the screen or left from upper right of the screen

- • The URL is also saved when shooting a Chrome screen. In the home screen, [▦] ▶ [Clip Now] to check the saved URL.

■ Shooting screenshots for a temporary memo

1 Display the screen to save temporarily ▶ trace the edge of the screen down from upper left or upper right of the screen

- • To check a temporary memo: Drag part of a temporary memo displayed on the left edge or right edge of the screen to the center of the screen
- • To delete a temporary memo: Drag a temporary memo to [🗑]

On/off with motion

You can make settings for the functions to turn the display on/off with motions such as when you hold the handset with your hand, when you put it into your pocket or when you slide the touch panel with your finger.

1 In the home screen, [▦] ▶ [Settings] ▶ [Useful] ▶ [On/off with motion]

2 Select an item

- ■ Bright Keep: Set whether to set the display not to be turned off while holding the handset with your hand.
- ■ Turn off by putting flatly: Set whether to set the display to be turned off when placing the handset on a place nearly parallel to the ground regardless of the setting of Screen timeout.
- ■ Turn off by putting in pocket: Set whether to set the display to be turned off when putting the handset in your pocket.

- ■ Sweep ON: Set whether to set the display to be turned on by sliding the touch panel with your finger while the display is turned off.
- ■ Let's Try!: Try functions or check how to use with a video tutorial by using "Let's Try!".

[Bright Keep]

- ● If you do not move or operate the handset for a certain period of time, the display may be turned off even while Bright Keep is set and you are holding the handset with your hand.
- ● When Bright Keep is set to [ON (Notify)], [📳] is displayed on the status bar.

[Turn off by putting flatly]

- ● This function is available when Bright Keep is set to [ON (Notify)]/[ON (Not notify)].
- ● This function may not follow the setting depending on the app in use.

[Turn off by putting in pocket]

- ● This is activated when the lock screen of the touch panel is displayed, or while a home app is being used.
- ● If you enable [Turn off by putting in pocket] while [Switching by motion] of VeilView is enabled, [Switching by motion] is disabled.

[Sweep ON]

- ● If the proximity sensor is covered with a hand, an object, etc., the display cannot be operated by touching to prevent inadvertent operations although the display is turned on. Also, the display may be turned off regardless of the setting of the handset.

Self check

You can perform Self check of the handset.

1 In the home screen, [▦] ▶ [Settings] ▶ [Useful] ▶ [Self check]

2 [START CHECKING]

- To restart the handset in safe mode: [REBOOT WITH SAFE MODE] ▶ [OK]

3 [SELECT FROM PHONE SYMPTOMS]/[SELECT FROM PHONE FUNCTIONS]

4 Select an item

- As for [SELECT FROM PHONE FUNCTIONS], select items and touch [Next]. Touch [❓] of an item to display help about the diagnosis.

5 [Next]

6 [Start diagnosis]

- To stop a diagnosis: [Cancel] ▶ [NEXT ITEM]/[YES]
- Touch the history items of the diagnoses to check the results.

Apps

You can check names, versions, memory usage, etc. of apps, enable/disable apps, uninstall them, etc.

1 In the home screen, [▦] ▶ [Settings] ▶ [Apps]

2 Select an app

[High-speed display]

- ● When [High-speed display] is enabled, the screen can be displayed smoothly.
- ● Some apps may not obtain the effect. In this case, disable [High-speed display].
  Also, the effect may not be obtained depending on the battery level or handset temperature.
- ● If you change the setting of [High-speed display] while activating the app, it may not work properly.
  In this case, end the app once.

■ Disabling an app

Terminate operations of an app and set it not to be displayed on the app list screen without uninstalling it.

- ● You can disable apps which cannot be uninstalled.

1 In the home screen, [▦] ▶ [Settings] ▶ [Apps]

2 Select an app

3 [DISABLE] ▶ [OK]

- ● If you disable an app, other apps which link up with the disabled app may not work properly. In this case, enable the app.

■ Enabling an app

1 In the home screen, [▦] ▶ [Settings] ▶ [Apps]

2 Select an app

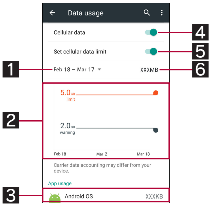
3 [ENABLE]

Data usage

You can measure the volume of data communicated via mobile networks and display it on a diagram. Also, you can set the handset to give you a warning or make data communication no longer available once the communication volume reaches its set limit.

1 In the home screen, [▦] ▶ [Settings] ▶ [Data usage]

2 Check the data communication volume



Carrier data accounting may differ from your device.

1 Data usage cycle

- ● Set the date on which the display of the data communication volume will be reset.

❷ Diagram
- Display the data communication volume.
- Warning line or limit line can be set.

❸ App having used data communication

❹ Cellular data
- Set whether to use data communication.

❺ Set cellular data limit
- Set the limit on the data communication volume and suspend data communication once the limit is reached.
  - In the Data usage screen, [⋮] ▶ [Restrict background data] ▶ [OK] to restrict data communications made by apps running in the background.

❻ Data communication volume during a set period

More

Make settings for other functions in Wireless & networks.

1 In the home screen, [▦] ▶ [Settings] ▶ [More]

2 Select an item

- ■ Airplane mode: Restrict the use of some functions using communication such as call/mail function.
- ■ Default SMS app: Set an app to send and receive SMSs with.
- ■ Tethering: For details ☞P.24 "Tethering"
- ■ NFC/Osaifu-Keitai settings: For details ☞P.50 "NFC/Osaifu-Keitai settings"
- ■ Wireless output: For details ☞P.82 "Wireless output"
- ■ Home network settings: For details ☞P.81 "Home network settings"
- ■ VPN: Make settings for VPN. For details ☞P.83 "Adding VPN"
- ■ Cellular networks: Make settings for use overseas. For details ☞P.84 "Settings for use overseas"
- ■ Proxy settings: Set to connect to the network via proxy.

[Airplane mode]
- ● When [Lock SIM card] is enabled, you cannot call to the emergency number (110, 119 or 118). When [Lock SIM card] is disabled, you can call to the emergency number (110, 119 or 118) even in Airplane mode. If you call to the emergency number, [Airplane mode] is OFF and the call is made.
- ● [Wi-Fi] and [Bluetooth] can be set to On even when [Airplane mode] is ON.

docomo service/cloud

You can make settings for the docomo service.

1 In the home screen, [▦] ▶ [Settings] ▶ [docomo service/cloud]

2 Select an item

- ■ docomo ID設定 (Set docomo ID): Set a docomo ID (d ACCOUNT) to use in docomo apps.
- ■ docomo cloud: Make settings for docomo cloud.
- ■ docomo apps management: Make settings for the confirmation for updating apps etc.
- ■ Osusume App: Set whether to notify you of apps that fit you from among apps provided by DOCOMO.
- ■ docomo apps password: Set a password to use for apps provided by DOCOMO.
- ■ AUTO-GPS: Make settings for AUTO-GPS.
- ■ docomo location information: Make settings for the location information service function of imadoco search, imadoco kantan search and Keitai-Osagashi Service.
- ■ Send device error information: Set whether to send error information to the server.
- ■ Remote Initialization Service: Make settings to use services which enable you to initialize data on the handset etc. by remote control.
- ■ Profile setting: Check or change your profile used in the docomo service.
- ■ docomo service initial settings: Carry out the initial settings of docomo service.
- ■ Switch USB debugging: Set whether to enable USB debugging.
- ■ Open source licenses: Display open source licenses.

- ● Some apps displayed in docomo service/cloud can be disabled. The disabled apps may not be displayed in docomo service/cloud.
- ● When you newly download apps provided by DOCOMO, the downloaded apps may be displayed in docomo service/cloud.

[docomo apps password]
- ● docomo apps password is set to [0000] by default.

Location

You can make settings for measuring location information.

1 In the home screen, [▦] ▶ [Settings] ▶ [Location]

2 Set to On

- When the confirmation screens for the use of location information are displayed, select [DISAGREE]/[AGREE].

3 Select an item

- ■ Mode: Set a mode to measure location information with using GPS satellites, access points of Wi-Fi or base stations for mobile phones.
- ■ Google Location History: Display location histories if you have registered your Google account on the handset.
- If there are recent location requests, touch one of them to check the information on the app.

- ● It is necessary to set [Location] to On to measure the present location. Some apps require that settings be made for location information by using the apps.

[Mode]
- ● Power consumption of the handset may increase depending on the set mode.
- ● If you set [Location] to On, the confirmation screens for the use of location information are displayed. The mode to be set may differ depending on whether you select [DISAGREE]/[AGREE].

Lock & security

You can make settings for the security lock.

1 In the home screen, [▦] ▶ [Settings] ▶ [Lock & Security]

2 Select an item

- ■ Screen lock: Make settings for the unlock method of the touch panel for when the power or display is turned on or the notification to be displayed on the lock screen of the touch panel.
- ■ Owner info: Make settings for the owner's information to be displayed on the lock screen of the touch panel.

- ■ Smart Lock: Set to unlock the touch panel by swiping or touching when Screen lock is set to an item other than [None] or [Swipe or Touch] and the handset confirms the trusted device, place, face, etc.
- ■ Application lock: For details ☞P.71 "Application lock"
- ■ Secrecy settings: For details ☞P.71 "Secrecy settings"
- ■ Contacts data access monitor: Restrict apps or services which use the phonebook information.
- ■ Set up SIM card lock: For details ☞P.72 "Setting up SIM card lock"
- ■ Encrypt phone: For details ☞P.73 "Encrypting phone"
- ■ Visible passwords: When you enter the PIN code etc., you can display the entered characters before they turn into [·].
- ■ Device administrator: Set a device management function of apps. Some apps may not be available if the device management function is disabled.
- ■ Unknown sources: Allow installation of apps received via websites other than Google Play, mails, etc.
- ■ Storage type: Display the storage type.
- ■ Use secure credentials: Allow access to secure certificates and other credentials.
- ■ Install certificates: Install encrypted certificates.
- ■ Clear credentials: Delete all credentials.
- ■ Trust agents: Make settings for apps (agents) that unlock the touch panel.
- ■ Screen pinning: Restrict the use of apps other than selected one.
  - ・Operation methods may differ depending on the setting of [Recent apps key]. For details on each operation method ☞P.27 "History", P.28 "Recent Apps"
- ■ Apps with usage access: Set apps that can access the data of app usage history item.

[Screen lock]

- ● The following items can be set.
  - ■ None: The lock screen of the touch panel is not displayed.
  - ■ Swipe or Touch: Set the touch panel to be unlocked by touching [🔒]. When [Feel Home] is selected in Batch change lock screen/ home application, slide [🔒] to unlock.
  - ■ Pattern: Set a pattern which forms by linking four or more dots.
  - ■ Lock No.: Set four- to sixteen-digit number.
  - ■ Password: Set four to sixteen alphanumerics or half-width symbols including at least one alphabet.
    - ・Some half-width symbols are not available.
- ● If you enter wrong patterns, time during which you cannot enter the pattern gets longer according to how many times you have entered wrong patterns.
  - ■ Five times in a row: 30 seconds
  - ■ 10 times in a row: 1 minutes
  - ■ 15 times in a row: 15 minutes
  - ■ 20 times in a row: 60 minutes

  After you have entered wrong patterns 20 times or more in a row, you cannot enter the pattern for 60 minutes each time you enter wrong patterns five times in a row. If you enter the correct pattern, the count is reset.
- ● If you have carried out Encrypt phone and set Screen lock to an item other than [None] or [Swipe or Touch], you can set whether to display the password entry screen for decrypting the storage every time the power is turned on.
- ● The following items in Lock & Security may be displayed/hidden depending on the settings in Screen lock.
  - ■ Make pattern visible: Display tracks of the entered pattern with line.
  - ■ Automatically lock: Set how long it takes the touch panel to be locked.
  - ■ Power key to lock instantly: Set whether to lock the touch panel regardless of the time set in Automatically lock when you turn off the display by pressing ▯(⏻).
- ● If you have set your Google account to the handset, you can set the lock by password from PC, tablet, etc.
  When you have lost your handset etc., connect to the following website and sign in with your Google account set to the handset.
  https://www.google.com/android/devicemanager

[Smart Lock]

- ● When using Smart Lock, touch and hold the unlock icon such as [🔒] in the lock screen of the touch panel to temporarily disable Smart Lock.
  - ・If Batch change lock screen/ home application is set to [Feel Home], you cannot temporarily disable Smart Lock.

[Unknown sources]

- ● Apps you download from the websites may be of unknown origin. To protect your handset and personal data, download apps only from trusted sources such as Google Play.

[Use secure credentials]

- ● If you delete a certificate, you cannot refer to the certificate from [Use secure credentials] but it can be referred to from other functions. If you want to delete the certificate completely, carry out Clear credentials.

[Clear credentials]

- ● Settings for VPN are also deleted.

Application lock

1 In the home screen, [▦] ▶ [Settings] ▶ [Lock & Security] ▶ [Application lock]

2 Enter the passcode ▶ [OK]

3 Select an item

- ■ Restrict calls: Restrict making calls.
- ■ Make pattern visible: Display tracks of the entered pattern with line.
- ■ Haptic feedback: Activate vibration on entering pattern, passcode and password.
- ■ Change security key: For details ☞P.72 "Changing security key"

- ● If you have set Restrict calls, you need to enter the security key to temporarily disable the restriction.
- ● You can call to the emergency number (110, 119 or 118) even when you set Restrict calls.

Secrecy settings

You can set contacts in the phonebook not to be displayed in the phonebook, outgoing/incoming call history, etc. by setting the secrecy setting for the contacts.

- ● When you temporarily disable the secret mode, both normal contacts and contacts for which the secrecy setting is set are displayed.
- ● If the display is turned off while the secret mode is temporarily disabled, the secret mode is enabled.

1. **In the home screen, [▦] ▶ [Settings] ▶ [Lock & Security] ▶ [Secrecy settings]**
2. **Enter the passcode ▶ [OK]**
   - The secret mode is temporarily disabled.
3. **Select an item**
   - ■ Set contact secrecy: Set the secrecy setting for contacts in the phonebook.
   - ■ Disable secret mode temporarily: Make settings for temporary cancellation of the secret mode.
   - ■ Guide: Display how to temporarily disable the secret mode and explanation for contacts in the phonebook for which the secrecy setting is set.

Disabling the secret mode temporarily

1. **Drag the status bar down**
2. **Touch and hold [⚙]**
3. **Enter the passcode ▶ [OK]**

Security codes used on the handset

Some functions for convenient use of the handset require security codes. In addition to security code used for various handset operations, use security codes such as the network security code when using network services. Use security codes properly according to the purposes to fully utilize the handset.

- Entered security code for various functions and PIN code turn into [·].

Precautions about various security codes

- Do not use easily predictable numbers for security codes to be set such as "birthday", "part of a phone number", "address or room number", "1111" or "1234". Keep a separate memo of security codes.
- Keep security codes private. If the security codes are found and improperly used by others, DOCOMO shall not be liable for any damages incurred on the users.
- If you forget your security codes, you are required to bring your identification (a driver’s license etc.), your handset and your docomo nano UIM card to a docomo Shop.
  For details, contact the number listed in "General Inquiries" on the last page.
- PUK (PIN Unlock Key) is described in the agreement form (customer copy) you received at the time of subscription at a docomo Shop. If you made a subscription at a shop other than a docomo Shop, bring your identification (a driver’s license etc.) and your docomo nano UIM card to a docomo Shop or contact the number listed in "General Inquiries" on the last page.

■ Security key (security code for various functions)

If you set any restrictions, you need to enter the security key to temporarily disable them. [Passcode] ([0000]) is set as a security key by default but you can change it (☞P.72 "Changing security key").

- If you enter wrong security keys five times continuously, you cannot enter it for 30 seconds.

■ Network security code

Network security code is a four-digit code required for confirming the subscriber's identity when an order is received at a docomo Shop, docomo Information Center or "お客様サポート" (Support), used for accessing various network services, etc. You can set any code at the time of subscription but you can change the code.

- For details on network security code, refer to the DOCOMO website.

■ PIN code

A docomo nano UIM card has a security code called PIN code. This security code is set to [0000] by default but you can change the code (☞P.72 "Setting up SIM card lock").

The PIN code is a four- to eight-digit security code that needs to be entered for recognizing the user of the handset every time a docomo nano UIM card is inserted or when a device is turned on to prevent unauthorized use of the docomo nano UIM card by a third party. Making/Receiving a call and the device operation are enabled by entering PIN code.

- Use the previously set PIN code when inserting a docomo nano UIM card that has been used in another device. It is [0000] if the setting has not been changed.
- If you enter wrong PIN codes three times continuously, it is locked and the docomo nano UIM card becomes unavailable. In this case, unlock with "PUK" (PIN Unlock Key).

■ PUK (PIN Unlock Key)

PUK (PIN Unlock Key) is an eight-digit number used to disable the PIN code lock. You cannot change the code.

- If you enter wrong codes 10 times continuously, the docomo nano UIM card is completely locked. In this case, contact a docomo Shop.

Changing security key

1. **In the home screen, [▦] ▶ [Settings] ▶ [Lock & Security] ▶ [Application lock]**
2. **Enter the passcode ▶ [OK]**
3. **[Change security key]**
4. **Select an item**
   - ■ Pattern: Set a pattern which forms by linking four or more dots.
   - ■ Passcode: Set four- to sixteen-digit number.
   - ■ Password: Set four to sixteen alphanumerics or half-width symbols including at least one alphabet.

Setting up SIM card lock

You can make settings for the PIN code.

1. **In the home screen, [▦] ▶ [Settings] ▶ [Lock & Security] ▶ [Set up SIM card lock]**
2. **Select an item**
   - ■ Lock SIM card: Set whether to enter the PIN code when the power is turned on.
   - ■ Change SIM PIN: Change the PIN code.

- In Japan, you cannot make a call to the emergency number (110, 119 or 118) when a docomo nano UIM card is not inserted, while the PIN code is locked, from the PUK (PIN Unlock Key) entry screen.
- The setting is saved on the docomo nano UIM card.

Disabling PIN lock

1 In the PIN locking screen, enter PUK (PIN Unlock Key)

2 Enter a new PIN code

3 Enter the new PIN code again

Encrypting phone

You can encrypt data on the handset.

- Carry out Reset all to disable Encrypt phone (☞P.74 "Resetting all").
- Carry out the operations while charging the battery with its battery level still left sufficiently.

1 In the home screen, [▦] ▶ [Settings] ▶ [Lock & Security] ▶ [Encrypt phone]

2 [ENCRYPT PHONE]

- If Screen lock is set to an item other than [None] or [Swipe or Touch], unlock by method set in Screen lock.

3 [ENCRYPT PHONE]

- If Screen lock is set to an item other than [None] or [Swipe or Touch], the password entry screen for decrypting the storage is displayed when the power is turned on. Unlock by method set in Screen lock.
  - When you make settings for Screen lock, you can select whether to display the password entry screen for decrypting the storage every time the power is turned on (☞P.70 "Lock & security").

- Note that all data on the handset are deleted if Encrypt phone is interrupted.
- If you enter wrong patterns/lock numbers/passwords 10 or 20 times in a row when decrypting the storage, you cannot enter them until turning the power on again. Note that if you enter wrong lock numbers/passwords 30 times in a row, the handset is initialized.

Language & input

You can make settings for the language displayed on the screen, character entry, text-to-speech, etc.

1 In the home screen, [▦] ▶ [Settings] ▶ [Language & input]

2 Select an item

- ■ Current selected keyboard: Set the input software to use when entering characters.
  - Touch [CHOOSE KEYBOARDS] to switch ON/OFF of the input software using on the handset.
- ■ Google Keyboard: Make settings for Google Keyboard.
- ■ S-Shoin: Make settings for S-Shoin. For details on each item that can be set ☞P.20 "Setting character entry"
- ■ Google voice typing: Make settings for Google voice typing.
- ■ Moji-Henshu: Check information on the app of Moji-Henshu.
- ■ Select language: Select Japanese/English.
- ■ Voice input: Make settings for the voice input.
- ■ Text-to-speech output: Make settings for the voice for reading the characters displayed on the handset.
- ■ Spell checker: Make settings for Spell checker.
- ■ Personal dictionary: Register any words into Personal dictionary and display them as conversion candidates when you enter characters with Google Keyboard.
- ■ Pointer speed: Set the speed of the pointer.
- ■ Character code setting: Set a character code to use when sending data from an app.

Keyboard

- When you enter Japanese, use S-Shoin.

[Google Keyboard], [S-Shoin], [Google voice typing], [Moji-Henshu]

- These are displayed/hidden depending on the settings of [CHOOSE KEYBOARDS] in Current selected keyboard.

[Spell checker]

- Japanese is not supported.

Backup & reset

You can back up data using a Google account, transfer data to/from among devices, perform Reset all, etc.

1 In the home screen, [▦] ▶ [Settings] ▶ [Backup & reset]

2 Select an item

- ■ Back up my data: Set whether to automatically back up app data, Wi-Fi passwords, etc. using a Google account.
- ■ Backup account: Set a Google account to use when backing up data.
- ■ Automatic restore: Set whether to restore backed up data, settings, etc. of an app when you re-install the app.
- ■ Data transfer: For details ☞P.73 "Data transfer"
- ■ Reset all: For details ☞P.74 "Resetting all"

Data transfer

You can import data or back up/restore data on the handset using a microSD Card. In addition, you can import phonebook data on other devices using the Bluetooth function.

- The following data can be backed up to/restored from a microSD Card.
  - ■ Phonebook
  - ■ SMS
  - ■ Bookmark
  - ■ Calendar
  - ■ Notepad*
  - ■ User/Learning dictionary (S-Shoin)
  - ■ emopa

  * You need to download the app separately.
- While you are backing up data to a microSD Card, [Airplane mode] is ON.
- When the available space on the handset memory is less than 11 MB, you cannot back up data to a microSD Card.
- Insert a microSD Card in advance when using one.

1 In the home screen, [▦] ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer]

- Alternatively, in the home screen, [データ引継] (Data transfer) to activate it.

2 Select an item

- ■ Data import: Import data using a microSD Card or the Bluetooth function.
- ■ Save data to microSD: Save data on a microSD Card.
- ■ Function information: Check how to use with a video tutorial.

■ Saving backup file

1. **In the home screen, [▦] ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer]**
2. **[Save data to microSD]**
3. **Enter the passcode ▶ [OK]**
4. **Select the data categories to save**
   - If you select [Address Book], the screen for selecting which account to save is displayed.
5. **[Save] ▶ [YES]**
6. **[Complete]**

● You cannot save when the battery level is insufficient.

■ Restoring backup file

1. **In the home screen, [▦] ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer]**
2. **[Data import]**
3. **[Import]**
4. **Enter the passcode ▶ [OK]**
5. **Select backup files to restore ▶ [Add registration]/[Delete and register]**
   - The confirmation screen appears. Follow the instructions on the screen and operate after this step.

● You cannot restore the data when the battery level is insufficient.

● Note that, when you restore User/Learning dictionary (S-Shoin) data, User/Learning dictionary (S-Shoin) data saved on the handset memory is deleted even if you select [Add registration].

■ Setting/Managing backup file

1. **In the home screen, [▦] ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer]**
2. **[⁝] ▶ [Setting]**
3. **Select an item**
   - ■ Organize backup files: Delete saved backup data.
   - ■ Addr.book pic backup: Set whether to back up images registered in a phonebook when backing up the phonebook.
   - ■ View result screen: Display the latest result of saving/restoring backup files.

■ Importing phonebook data using Bluetooth function

1. **In the home screen, [▦] ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer]**
2. **[Data import]**
3. **Select the type of a device from which you import data**
   - When the screen asking whether to use the backup data on the microSD Card is displayed, select [Import phonebook data from smartphone.].
4. **[Next]**
5. **Enable the Bluetooth function of the device from which you import data ▶ [Next]**
   - When the device from which you import data is Android, set the device to be displayed on the handset.
6. **Select the device from which you import data**
7. **[Start]**
   - When the confirmation screen about the settings on pairing appears, select [PAIR].
8. **[NEXT]**
9. **[Add registration]/[Delete before registration] ▶ [OK]**
   - If there are multiple accounts, the screen for selecting to which account to register is displayed.
10. **[OK]**

Resetting all

You can erase all data on the handset memory.

1. **In the home screen, [▦] ▶ [Settings] ▶ [Backup & reset] ▶ [Reset all]**
2. **[RESET PHONE]**
   - You can also erase data on a microSD Card at the same time by enabling [Delete data in microSD as well.].
3. **Enter the passcode ▶ [OK]**
4. **[ERASE EVERYTHING]**

● The following data are erased.
- ■ Data that are created, saved or registered
- ■ Contents that are set in the "Settings" app
- ■ Downloaded apps

Date & time

You can make settings for the date and time and their format.

1. **In the home screen, [▦] ▶ [Settings] ▶ [Date & time]**
2. **Select an item**
   - ■ Automatic date & time: Set whether to automatically adjust the date and time.
   - ■ Auto timezone: Set whether to use the time zone provided via a network.
   - ■ Set date: Set the date manually.
   - ■ Set time: Set the time manually.
   - ■ Select time zone: Set the time zone manually.
   - ■ Use 24-hour format: Switch 12-hour format/24-hour format.

When [Automatic date & time] is enabled

● If the handset does not adjust the time for a while after the power is turned on, turn off the power and restart it.

● Time may not be adjusted depending on the signal status.

● The clock may gain or lose a few seconds.

Accessibility

Make settings for accessibility options.

1 In the home screen, [▦] ▶ [Settings] ▶ [Accessibility]

2 Select an item

- ■ Captions: Make settings for captions to display.
- ■ Magnification gestures: Set whether to zoom in/out the screen by touching the display three times.
- ■ Large text: Set whether to display fonts on the handset in large size.
- ■ High contrast text: Set whether to display text colors on the handset in high contrast.
- ■ Power button ends call: Set whether to end a call by pressing ▯(⏻).
- ■ Auto-rotate screen: Set whether to switch the screen to horizontal/vertical display when rotating the handset 90° to the left/right.
- ■ Speak passwords: Set whether to use voice output for passwords.
- ■ Accessibility shortcut: Set whether the accessibility functions can be enabled quickly.
- ■ Text-to-speech output: Make settings for the voice for reading the characters displayed on the handset.
- ■ Touch & hold delay: Set how long you need to keep touching.
- ■ Color inversion: Set whether to invert colors displayed on the screen.
- ■ Color correction: Make settings for the adjustment of colors displayed on the screen.

[Power button ends call]

- ● If the display is turned off according to the setting of [Screen timeout], press ▯(⏻) to turn it on. Press ▯(⏻) while the display is turned on to end the call.

Printing

You can print with an app supporting the print function by installing a print app (plug-in). To change settings on the installed print app (plug-in), carry out the following operations.

- ● Install a print app (plug-in) supporting a printer to use in advance.

1 In the home screen, [▦] ▶ [Settings] ▶ [Printing]

2 Select a print service

- • Follow the instructions on the screen and operate after this step.

About phone

You can check the information about the handset.

1 In the home screen, [▦] ▶ [Settings] ▶ [About phone]

2 Select an item

- ■ Build number: Check the build number.
- ■ Status: Check the battery level, network in use, etc.
- ■ Adjust touch panel: Adjust the touch panel.
- ■ Adjust sensitivity of sensor: Adjust the accuracy of retrieval by the motion sensor and geomagnetic sensor.
- ■ Software Update: For details ☞P.91 "Software update"
- ■ Legal information: Check copyright notice, terms of service, etc.
- ■ Authentication: Check information such as the certification of conformity with technical regulations.
- ■ Model number: Check the model number.
- ■ Android version: Check the Android version.
- ■ Baseband version: Check the baseband version.
- ■ Kernel version: Check the kernel version.

[Adjust touch panel]

- ● Do not touch the touch panel (display) or ▯(⏻), while [DO NOT TOUCH the display.] is displayed.
  The adjustment may be failed since the sensitivity adjustment for the whole touch panel is being performed.

[Adjust sensitivity of sensor]

- ● Make the adjustment approximately 10 seconds after the adjustment screen appears.
- ● Adjustment may be failed depending on surroundings or other simultaneously running apps. Change the place where you make adjustment, end running apps, etc.

File Management

Storage structure

Handset memory (internal storage)

The folder structure, types of data to be saved in each folder, etc. of the default handset memory are as follows.

Alarms	Alarm tones etc. are saved.
Android	Temporary files etc. of installed apps are saved.
DCIM	Still pictures and videos shot with the handset are saved.
Download	Files downloaded on Chrome are saved.
Movies	Videos etc. are saved.
Music	Music data etc. is saved.
Notifications	Notification sounds etc. are saved.
Pictures	Still pictures etc. are saved.
Podcasts	Music data etc. transferred from a podcast is saved.
PRIVATE	Still pictures, videos, music data, etc. are saved.
Ringtones	Ringtones etc. are saved.

microSD Card (external storage)

You can save data on the handset to microSD Card or import data on microSD Card to the handset.

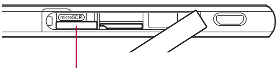
- SH-02H is compatible with commercially available microSD Card of up to 2 GB, microSDHC Card of up to 32 GB and microSDXC Card of up to 200 GB. Also, as for Speed Class*, Class 10 or lower is available (as of November 2015).
  - * Speed Class as stated above indicates the performance of a microSD Card. Note that all the operations related to the performance indicated by Speed Class are not completely guaranteed.

  For information on the microSD Card, refer to the following website.
  http://k-tai.sharp.co.jp/support/d/sh02h/peripherals.html#!/microsd_support (in Japanese only)
- The size of a file that can be used is up to 2 GB.
- Do not turn off the handset immediately after inserting the microSD Card in the handset (while writing information needed for the handset operation) or while editing data on the microSD Card. Data may be damaged or the handset may not work properly.
- Format unformatted microSD Cards on the handset before use (☞P.67 "Storage"). microSD Cards formatted by PCs or other devices may not be used properly on the handset.
- Data saved on the microSD Cards from other devices may not be displayed or played on the handset. Some data saved on the microSD Card from the handset may not be displayed or played on other devices.
- microSDXC Card can be used only on the devices compatible with SDXC. If you insert a microSDXC Card to devices not compatible with SDXC, data saved on the microSDXC Card may be damaged etc., so do not insert it.
- For using a microSDXC Card with its data damaged again, formatting the microSDXC Card by devices compatible with SDXC is required (all the data will be deleted).
- For copying data to/from among devices not compatible with SDXC, use a card which conforms to the standard of the devices you copy the data to/from such as microSDHC Card or microSD Card.
- Back up the data saved on a microSD Card and store in another place. DOCOMO shall not be liable for any loss or change of the saved data.
- Hold the handset securely with your hand when inserting or removing the microSD Card.

Inserting microSD Card

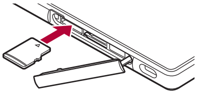
1 **Open the docomo nano UIM card/microSD Card slot cover (☞P.14 "Inserting docomo nano UIM card")**

2 **Insert the microSD Card slowly into the microSD Card slot with the metal terminal side turned down**

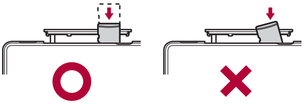


microSD Card slot (left side)

- Insert the microSD Card slowly with your finger until a click is heard.



- Do not force the microSD Card in at an angle or with the wrong side up. The microSD Card slot may be damaged.



3 **Close the docomo nano UIM card/microSD Card slot cover (☞P.14 "Inserting docomo nano UIM card")**

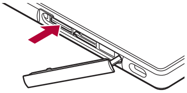
Removing microSD Card

- Unmount the microSD Card in advance (☞P.67 "Storage"). If you do not unmount the microSD Card, data may be damaged or it may not work properly.

1 **Open the docomo nano UIM card/microSD Card slot cover (☞P.14 "Inserting docomo nano UIM card")**

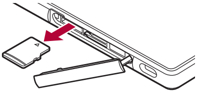
2 **Gently push the microSD Card towards inside**

- Push the microSD Card until a click is heard. It will come out towards you. Pulling it forcibly may damage the handset or the microSD Card.



3 Remove the microSD Card

- Remove the microSD Card by slowly pulling it straight out.



4 Close the docomo nano UIM card/microSD Card slot cover (☞P.14 "Inserting docomo nano UIM card")

Contents Manager

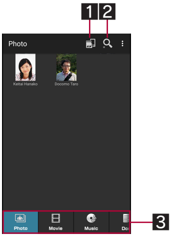
You can manage the data saved on the handset memory or a microSD Card, classify them by type and display them.

1 In the home screen, [▦] ▶ [Contents Manager]

- Alternatively, in the home screen, [▦] ▶ [SH tool] ▶ [Recommendation] ▶ [Contents Manager] to activate it.

2 Select data

- When a corresponding app has already been installed, select the data to display it.
- When there are multiple corresponding apps installed on the handset, the app selection screen may appear. Select an app to display the data.



1 Save destination

● Display data saved on the selected destination.

2 Search data

● Search for data on the handset memory or a microSD Card by selecting search criteria.

3 Category

● Display data in the selected category.

Category	Displayed data
Photo	Still pictures shot with the handset or downloaded images
Movie	Videos shot with the handset or downloaded videos
Music	Melodies or WMA files
Doc.	Office type data (.doc, .xls, .ppt, .docx, .xlsx, .pptx, .csv), PDF data or Text files
Others	Other data

● Slide it to the left/right to switch displays of category.

Data communication

Bluetooth function

You can connect the handset to Bluetooth devices wirelessly.

- Wireless communications with all the Bluetooth devices are not completely guaranteed.

■ Specifications

■ Supported version

Bluetooth standard Ver.4.1[*1]

■ Output

Bluetooth standard Power Class 1

■ Supported profiles[*2] (Supported services)

HSP: Headset Profile[*3]
HFP: Hands Free Profile[*4]
A2DP: Advanced Audio Distribution Profile[*5]
AVRCP: Audio/Video Remote Control Profile[*5]
HID: Human Interface Device Profile[*6]
DUN: Dial-up Networking Profile[*7]
OPP: Object Push Profile[*8]
SPP: Serial Port Profile[*9]
PBAP: Phone Book Access Profile[*10]
PAN: Personal Area Networking Profile[*11]
HOGP: HID Over GATT Profile[*12]

*1 The handset and all Bluetooth function-installed devices have ensured that they conform to the Bluetooth specification according to the rules that the Bluetooth SIG defines, and are all authenticated. However, operating methods might differ or data might not be exchanged even when a connection is made, depending on the features or specifications of the connected device.

*2 Standardizes the communication procedures of Bluetooth device by feature.

*3 Connect a commercially available Bluetooth compatible headset to the handset to talk wirelessly.

*4 Connect a commercially available Bluetooth compatible hands-free device such as a car navigation system to the handset to talk during hands-free operation using the car navigation system etc.

*5 Connect a commercially available Bluetooth compatible audio device to the handset to play music, 1Seg audio, etc. wirelessly. Also, remote control operation may be available from Bluetooth devices. However, compatible devices may be limited depending on the data type.

*6 Connect a commercially available Bluetooth compatible input device such as a keyboard and mouse to the handset to operate the handset from the device.

*7 Connect a Bluetooth compatible PC etc. to the handset to use the handset as a modem and make data communications. Note that packet communication charges are incurred. You cannot use mobile networks on the handset during DUN connection.

*8 Connect a Bluetooth device to the handset with the file transfer service to send and receive data between them.

*9 Set the virtual connection with a serial cable and interconnect between devices.

*10 Transfer phonebook data on the handset memory to a Bluetooth device. Data may not be displayed correctly on the other party's device depending on the contents of the transferred phonebook data.

*11 Join a PC network etc. and share the Internet connection. Also, connect a PC etc. to the handset via Bluetooth to use the Bluetooth tethering.

*12 Connect a Bluetooth Smart device such as a keyboard and mouse to the handset to operate the handset from the device.

- Refer to manuals of Bluetooth devices as well.
- The settings of access points for DUN profile can be changed from a Bluetooth device such as a PC or car navigation system. If connection to an access point via DUN profile becomes unavailable, it is recommended to initialize access points (☞P.23 "Resetting an access point").
- 1Seg audio etc. may not be output with Bluetooth devices which are not compatible with SCMS-T.

Precautions about handling Bluetooth devices

Note the followings when using Bluetooth devices.

- Note the followings to make good connection.
  - ■ Keep the distance between the handset and another Bluetooth device within approximately 10 m with no obstructions in sight. The distance within which you can make connection may be shorter when there are obstructions between them or depending on the conditions of the surroundings (such as walls or furniture) and the structure of a building. Especially when there is a wall, floor or ceiling of reinforced concrete between them, they may be unable to connect with each other. Note the above mentioned distance is not guaranteed.
  - ■ Move the handset and another Bluetooth device as far away as possible from home electric appliances, AV devices, OA devices, etc. before connection. Bluetooth devices are liable to be adversely affected by a microwave oven, so move them as far away as possible from the microwave oven while using them. Otherwise, normal connection cannot be performed when other electric devices are powered on or Bluetooth devices may cause noises or reception failure on a TV or radio set.
  - ■ Move the other party's Bluetooth device to a place where connection is possible when there is a broadcast station, radio, etc. near the Bluetooth device and the handset cannot be connected to the device. Strong radio waves may prevent connection between Bluetooth devices.
  - ■ Wireless connection is available with Bluetooth devices put in a bag or pocket. However, lowering of communication speed or noise may result when you are in between the Bluetooth device and the handset.
- Electromagnetic signals from Bluetooth devices may affect the operation of electronic medical equipment etc. As some cases may result in accident, turn off the handset and other Bluetooth devices in the following places.
  - ■ On trains
  - ■ On airplanes
  - ■ In hospitals
  - ■ Near automatic doors or fire alarms
  - ■ In places such as gas stations where flammable gas is generated

Radio interference with Wi-Fi compatible devices

- The Bluetooth devices use the same frequency band (2.4 GHz) as wireless LANs (IEEE 802.11b/g/n). Therefore, using a Bluetooth device near a wireless LAN device may cause the radio interference, lowering of communication speed, noise or connection failure. In this case, turn off the wireless LAN device or keep the handset and the other party's Bluetooth device at least approximately 10 m away from the wireless LAN.

Using Bluetooth function

- To register/connect a Bluetooth device, the Bluetooth passkey may need to be entered. Before starting the registration, decide one- to sixteen-digit number. Enter the same number on the handset and the other party's Bluetooth device.
- Set the other party's Bluetooth device to the registration stand-by status in advance.

1 In the home screen, [⠿] ▶ [Settings] ▶ [Bluetooth]

2 Set to On

3 Select a Bluetooth device ▶ [PAIR]

- The confirmation screen for connection may be displayed.
- Entering the Bluetooth passkey may be necessary depending on the other party's Bluetooth device. Also, some Bluetooth devices may start connection after completing registration.
- To search for Bluetooth devices: [⋮] ▶ [Refresh]
- Touch [⚙] of a paired Bluetooth device to set name and intended purpose of the other party's Bluetooth device.

- You can connect up to seven Bluetooth devices at the same time. Bluetooth devices may not work properly or the number of Bluetooth devices which can be connected at the same time may differ depending on the profile.
- If you fail to connect a Bluetooth device, connection may become available after re-registering it.
- When [Bluetooth] is set to On, the handset is set to receive registration requests/connection requests from other Bluetooth devices. Make the setting for displaying the handset's information on other Bluetooth devices in advance to allow the handset to be searched for by other Bluetooth devices.
- While in connection stand-by, even if a connection request from a Bluetooth device is received, connection may not be made depending on the signal status etc.
- For details on the operations of the other party's Bluetooth device, refer to the manuals of the Bluetooth device to be used.

■ When receiving registration request from Bluetooth device or connection request from unregistered Bluetooth device

1 Registration request/Connection request from Bluetooth device

2 Drag the status bar down ▶ [Pairing request] ▶ [PAIR]

- When the confirmation screen about the settings on pairing appears, select [Pair].
- Entering the Bluetooth passkey may be necessary depending on the other party's Bluetooth device.
- The confirmation screen for connection may be displayed.

■ Unregistering Bluetooth device

1 In the Bluetooth screen, [⚙] of the Bluetooth device to unregister ▶ [FORGET]

■ Disconnecting Bluetooth device

1 In the Bluetooth screen, select the Bluetooth device to disconnect ▶ [OK]

■ Setting Bluetooth

- Set after setting [Bluetooth] to On.

1 In the Bluetooth screen, [⋮]

2 Select an item

- ■ Refresh: Search for the Bluetooth device.
- ■ Rename this device: Change the handset's name.
- ■ aptX: Set whether to use aptX®.
- ■ Handsfree setting: Set whether to always have voices output from the connected Bluetooth compatible hands-free device during a voice call.
- ■ Show received files: Display the history of data received via Bluetooth connection.

[aptX]

- When you enable [aptX], sounds may not be output depending on the Bluetooth device. In this case, disable [aptX].

Sending and receiving by Bluetooth

■ Sending data

Example: Still picture

1 In the home screen, [⠿] ▶ [Contents Manager] ▶ [Photo]

2 Touch and hold a still picture ▶ [Share] ▶ [Bluetooth]

- Set the receiver's Bluetooth device to the reception stand-by status.

3 Select a Bluetooth device to connect to

■ Receiving data

1 Data is sent from the sender's Bluetooth device

2 Drag the status bar down ▶ select the incoming notification ▶ [ACCEPT]

3 Drag the status bar down ▶ select the received data

- Note that if you select [Delete and register] when receiving all data, all data registered to the target function are deleted.
- Receiving all data may not be available depending on the data type.
- When available space in the save destination becomes insufficient while receiving data, the data being received to that point are saved and receiving ends.

NFC communication

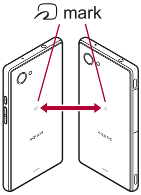
NFC stands for Near Field Communication and is a near field wireless communication system which conforms to the international standards set by ISO (International Organization for Standardization). You can use the contactless IC card function, Reader/Writer function, P2P function, etc. on the handset.

Android Beam

You can send and receive data to and from devices which support Reader/Writer, P2P function.

- Enable [Reader/Writer, P2P] and set [Android Beam] to On in advance (☞P.50 "NFC/Osaifu-Keitai settings").
- Android Beam is not available in Airplane mode or when NFC/Osaifu-Keitai lock is set.
- In the following cases, data may not be sent by Android Beam.
  - ■ During charging
  - ■ During earphone/microphone connection
  - ■ During USB connection
- You can send and receive phonebooks, still pictures, videos, etc.
- Android Beam may not be available depending on the app.
- Communication with all devices which support Reader/Writer, P2P function is not completely guaranteed.

■ When using Android Beam



- Use while placing the mark of the receiver's device over that of the sender's device as shown.
- Do not move the devices until sending and receiving of data are completed.
- There may be some cases in which data are poorly sent and received or the display is turned off by positioning a device near depending on the other party's device. In this case, put a distance between the marks apart/closer or move them up/down or to the left/right.
- Other precautions are the same as those for when you hold the handset over the other device (☞P.49 "Precautions about holding over the other device").

■ Sending data

Example: Phonebook

1. **In the home screen, select "ドコモクラウド" (docomo cloud) folder ▶ [docomo phonebook] ▶ [Contacts]**
2. **Select a name**
3. **Place the mark over that of the other party's device**
   - [Touch to beam] appears.
4. **Touch the screen**

■ Receiving data

1. **Place the mark over that of the other party's device**

External Device Connection

PC connection

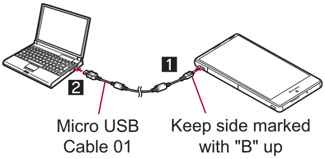
You can use a microSD Card as an external memory for a PC or transfer data by connecting the handset and the PC.

Connecting the handset and PC

1 **Insert the microUSB plug of Micro USB Cable 01 (sold separately) horizontally into the external connector terminal on the handset with the side marked with "B" turned up (❶)**

2 **Insert the USB plug of Micro USB Cable 01 horizontally into the USB connector on a PC (❷)**

- For details on the mode of USB connection ☞P.67 "USB connection"



- Use Micro USB Cable 01 as a USB cable. USB cables for PC are not available, since the plug shape is different.
- Using a USB HUB may prevent the equipment from working normally.
- Do not remove Micro USB Cable 01 while exchanging data with PC. Data may be damaged.
- Windows Vista, Windows 7, Windows 8, Windows 8.1 and Windows 10 all of which are Japanese version are available OS of PCs for the connection.

microSD reader/writer

You can use a microSD Card as an external memory for a PC.

- Insert a microSD Card and set the mode of USB connection to [Card reader mode] in advance (☞P.67 "USB connection").
- When using a microSDXC Card, refer to P.81 "Transferring data". When a message indicating to format the microSDXC Card is displayed, do not format it.

1 **Connect the handset to a PC via Micro USB Cable 01**

- The USB mass storage screen appears. If the screen does not appear, drag the status bar down and select [USB connected].
- If the notification is displayed at the top of the screen, touch it.

2 **[TURN ON USB STORAGE]**

- When the confirmation screen is displayed, check the content and select [OK].

3 **Use as a microSD reader/writer**

4 **Perform secure hardware removal on the PC after use**

5 **[TURN OFF USB STORAGE]**

6 **Disconnect Micro USB Cable 01 from the handset and the PC**

- While using as a microSD reader/writer, microSD Card cannot be used by apps. In addition, microSD Card may not be used as a microSD reader/writer while it is used by apps.

Transferring data

Transfer data from a PC to the handset memory or a microSD Card.

- Set the mode of USB connection to [MTP mode] or [PTP mode] in advance (☞P.67 "USB connection").

1 **Connect the handset to a PC via Micro USB Cable 01**

2 **Transfer data**

3 **Disconnect Micro USB Cable 01 from the handset and the PC after use**

Printing/Saving by print service

You can print images using a print app (plug-in) or save images in Google Drive etc.

Example: When using Album

1 **In the image displaying screen of Album, [⋮]▶[Print by print service]**

2 **Set each item**

- Follow the instructions on the screen and operate after this step.

Home network settings

Using Wi-Fi communication, you can watch the still pictures and the videos and listen to the music data on a microSD Card with a home network compatible TV etc.

- You can make public the following data managed by Contents Manager.

Data type	File format
Still picture[*1]	JPEG
Video	MP4, 3GP (Video codecs: H.264, Audio codecs: aac)
Music data[*2]	MP3, LPCM (44.1 kHz/2ch), WAV (44.1 kHz/2ch)

*1 Still pictures whose image size is larger than "4,096 × 4,096" cannot be displayed.

*2 WAV files can be played only when their data format is LPCM. Also, LPCM is not displayed on the handset.

・You may not make data public when the number of each data exceeds 1,000.

- Store the data to make public in the following folders on a microSD Card in advance.

Data type	Folder location
Still picture	¥DCIM, ¥PRIVATE¥SHARP¥CM¥PICTURE
Video	¥DCIM, ¥PRIVATE¥SHARP¥CM¥MOVIE

Data type	Folder location
Music data	¥PRIVATE¥SHARP¥CM¥MUSIC, ¥PRIVATE¥SHARP¥CM¥SOUND

- Make settings for the Wi-Fi connection before using the home network server. For details on the settings of Wi-Fi ☞P.23 "Wi-Fi settings"
- Refer to the following website for models of TV compatible with connection with the handset.
  http://k-tai.sharp.co.jp/support/d/sh02h/peripherals.html#!/dlna (in Japanese only)
- As for how to connect the handset from a home network compatible TV, refer to the manual of the home network compatible TV.
- Connection may not be made properly or may be canceled while in use depending on wireless LAN access points or usage environment. In this case, disable [Home network server] in Home network settings and enable it again.
- Check the followings when you cannot connect properly.
  - ■ Access point settings
  - ■ Wi-Fi connecting condition
  - ■ Network settings of the home network compatible device to connect
  - ■ Security software/Firewall settings of the home network compatible device
  - ■ Home network settings of the handset

1 In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [Home network settings]

2 Select an item

- ■ Home network server: Set whether to use the home network server.
- ■ Wi-Fi for home NW server: Set the network to be used from the access points set for Wi-Fi connection.
- ■ Home network server name: Register the home network server name to be displayed on a home network compatible TV.

USB host function

The USB host function is installed on the handset. You can use USB devices such as mice by connecting a commercially available USB cable for peripheral device connection to the external connector terminal.

- For details on the USB host function, refer to the manuals of the USB cable for peripheral device connection and USB devices.

- Connection with all USB devices is not completely guaranteed.
- Connection with the USB device is disabled when the battery level decreases or the handset temperature lowers.
- When you use the USB host function, the handset operations may slow down.
- When you connect USB devices which consume large amount of electric power, the handset may be automatically turned off depending on the operating state or battery level of the handset, or surrounding temperature.

Removing USB memory

- Unmount the USB memory before removing it. (☞P.67 "Storage"). Data may be damaged or it may not work properly.

Wireless output

You can display the same screen as that of the handset on a TV with a wireless connection function by connecting the handset to the TV.

- You can also connect the handset to other Miracast compatible devices such as a Miracast compatible TV or adapter.

1 In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [Wireless output]

2 Set to On

3 Select a device to connect to

- The setting screen may be displayed depending on the device to connect to. For details on the setting content, refer to the manual of a Miracast compatible device to use.

- Wireless output may not be available depending on the running app or the displayed content item.
- Wireless output may be terminated during its use depending on the running app.
- During the wireless output, you may not be able to play copyrighted content items.
- Wireless output automatically stops when the battery level becomes insufficient.
- Wireless output is not available during a call or incoming call. If you receive a call during the wireless output, the wireless output stops.
- The handset may be subjected to radio interference and image distortion or jumpiness may occur depending on the conditions of the surroundings. Also, connection may fail or output may be terminated. Use this function in a condition with no obstructions or other wireless devices put between the handset and a TV etc.

Cooperating with Blu-ray Disc recorder

Using AV Device Link

If you connect the handset and a recorder compatible with DLNA to the Wi-Fi network, you can watch/play TV programs received/recorded with the recorder on the handset.
Also, if you connect a DLNA compatible TV to the Wi-Fi network, you can display/play videos, still pictures, music, etc. the handset stores on the TV.

- For connection, refer to the manual of the DLNA compatible device.
- Set [Wi-Fi] to On in advance.
- This app uses DiXiM SDK.
  The license of "DiXiM" is provided by DigiOn, Inc. For details, refer to the website of DigiOn, Inc.
  http://www.digion.com/

Watching program recorded in recorder on the handset

1 In the home screen, [▦] ▶ [SH tool] ▶ [Recommendation] ▶ [AV Device Link]

2 [USE THIS APP]

- The AV Device Link screen is displayed.

3 [Watch programs recorded in recorder.]

4 [2.Select recorder to connect with.]

- From the next time, touch [Watch programs recorded in recorder.] in the AV Device Link screen to connect the handset to the device automatically.

5 Select a device to connect to ▶ [OK] ▶ follow the instructions on the screen and operate

- To set Wi-Fi, home network, etc.: [⋮] ▶ [Settings]
- To dub data to the handset: [⇩] ▶ select data

■ Watching data dubbed from recorder on the handset

1 In the AV Device Link screen, [Watch programs dubbed to device.]

2 Select a program

■ Watching TV on the handset by using tuner of recorder

1 In the AV Device Link screen, [Use other functions]

2 [>] ▶ [Use] of "Watch TV via recorder." ▶ follow the instructions on the screen and operate

Watching still pictures/videos and listening to music the handset stores on TV

1 In the home screen, [⊞] ▶ [SH tool] ▶ [Recommendation] ▶ [AV Device Link]

2 [USE THIS APP]

- The AV Device Link screen is displayed.

3 [Use other functions]

4 [Use] of "Watch taken photos on TV."

5 [2.Publish this device on home network as a server.]

- For details on the settings of home network ☞P.81 "Home network settings"

6 [3.Select TV to connect with.] ▶ follow the instructions on the screen and operate

- From the next time, touch [Use] of "Watch taken photos on TV." to connect the handset to the device automatically.
- To set Wi-Fi, home network, etc.: [⋮] ▶ [Settings]

● A high bit rate video such as a FULL HD one shot with the camera may not be played smoothly on the handset via a home network.

VPN (Virtual Private Network)

Adding VPN

VPN (Virtual Private Network) is a connection method to prepare and connect safely to a virtual dedicated line on the network of a household PC or in an office from outside etc.

- Acquire information about the security from network administrators to set VPN connection from the handset.
- Set Screen lock to an item other than [None] or [Swipe or Touch] in advance (☞P.70 "Lock & security").

1 In the home screen, [⊞] ▶ [Settings] ▶ [More] ▶ [VPN] ▶ [+]

2 Set each item ▶ [SAVE]

Connecting VPN

1 In the home screen, [⊞] ▶ [Settings] ▶ [More] ▶ [VPN]

2 Select a VPN to connect to

3 Enter connecting information of the VPN ▶ [CONNECT]

Disconnecting VPN

1 In the home screen, [⊞] ▶ [Settings] ▶ [More] ▶ [VPN]

2 Select a VPN to disconnect ▶ [DISCONNECT]

International Roaming

You can make a call using the handset while staying overseas or make settings for international roaming, network services, etc.

Outline of international roaming (WORLD WING)

International roaming (WORLD WING) is a service that enables you to use the same phone number and mail address of the handset as you use in Japan in the service area of DOCOMO affiliated overseas network operators. You can use calls and SMS without any changes in settings.

Available network

The handset is rated as Class 5. You can use it in the LTE network, 3G network and GSM/GPRS network service areas. In addition, it is available in countries and regions supporting 3G 850 MHz/GSM 850 MHz. Check the available area.

Refer to the followings before using the handset overseas.

■ DOCOMO website

- For country codes, international call access number, universal number international prefix and information on countries and regions where connections are available and available network operators, refer to the DOCOMO website.

Available services overseas

Main communication service	3G	3G 850	GSM (GPRS)	LTE
Call	○	○	○	○*2
SMS	○	○	○	○
Mail*1	○	○	○	○
Web browser*1	○	○	○	○

*1 Enable [Data roaming] to use data communication when roaming (☞P.84 "Data roaming").

*2 Depending on the network operator to connect to, 3G, 3G 850 or GSM network is used.

- Some services may not be available depending on the network operator or network to connect to.
- Connected network operator can be checked in the status panel (☞P.27 "Using the status panel").

Before use overseas

■ Checking before departure

Check the followings in Japan before using the handset overseas

Subscription

- Check the status of a subscription to WORLD WING. For details, contact the number listed in "General Inquiries" on the last page.

Charging battery

- For details on charging the battery, refer to the DOCOMO website.

Charge

- Overseas charges (call charges, packet communication charges) differ from those in Japan. For details, refer to the DOCOMO website.
- Since some apps automatically perform communication, the packet communication charges may be higher. Contact the app provider for the operation of each app.

■ Setting before departure

Network service settings

If you subscribed to network services, network services such as Voice Mail Service, Call Forwarding Service and Caller ID Display Request Service are available from overseas. However, some network services are not available.

- To use network services overseas, setting the remote operation settings to "Activate" is required. The remote operation settings can be set in your country of stay (☞P.86 "Network services during roaming"). For details on the remote operation settings in Japan ☞P.39 "Network service"
- Some network services that can be set/disabled etc. may not be available depending on overseas network operators.

■ Checking in your country of stay

The handset automatically connects to the available network operator when you turn the power on in your country of stay.

Connection

When Network operators (☞P.85 "Network operators") is set to [Select automatically], the suitable network is automatically selected.

Settings for use overseas

1 In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [Cellular networks]

2 Select an item

- ■ Data enabled: Set whether to use data communication.
- ■ Data roaming: For details ☞P.84 "Data roaming"
- ■ Preferred network type: For details ☞P.84 "Preferred network type"
- ■ Access Point Names: Set an access point
- ■ Network operators: For details ☞P.85 "Network operators"

Data roaming

You need to enable [Data roaming] to use packet communication overseas.

1 In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [Cellular networks] ▶ [Data roaming]

- When the confirmation screen is displayed, check the content and select [OK].

Preferred network type

Set a network to use.

1 In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [Cellular networks] ▶ [Preferred network type]

2 Select an item

- ■ LTE/3G/GSM(Auto): Automatically switch to an available network.
- ■ LTE/3G: Use LTE/3G network.
- ■ 3G/GSM: Use 3G/GSM/GPRS network.

- ■ 3G: Use 3G network.
- ■ GSM: Use GSM/GPRS network.

Network operators

At the time of purchase, the handset is set to automatically search for and switch to available networks. When you want to manually switch networks, set by performing following operations.

1 In the home screen, [▦] ▶ [Settings] ▶ [More] ▶ [Cellular networks] ▶ [Network operators]

- If the confirmation screen for data communication is displayed, check the content and select [OK].
- Search for networks and a list of network operators is displayed.
- When an error occurs during the network search, disable [Data enabled] (☞P.84 "Settings for use overseas") and try again.

2 Select a network operator

- To search for network operators again: [Search networks]
- To automatically select a network operator: [Select automatically]

Date & time

If [Automatic date & time] and [Auto timezone] of Date & time are enabled, the handset receives information on time and time differences from the network of a connected overseas network operator, then time and time differences are corrected.

- ● Time and time differences may not be adjusted correctly depending on the network of an overseas network operator. In this case, set time zone manually.
- ● The correction timing may differ depending on the network operator.
- ● For details on Date & time ☞P.74 "Date & time"

Inquiries

- ● When the handset or the docomo nano UIM card is lost or stolen overseas, promptly contact DOCOMO and conduct a procedure for canceling the use of service from your country of stay. Refer to the last page for inquiries. Note that call/communication charges after the handset or the docomo nano UIM card is lost or stolen are incurred to the subscriber.
- ● As for land-line phone etc., "International call access number" of your country of stay or "Universal number international prefix" is required.

Making/Receiving a call in your country of stay

Making a call outside your country of stay (including Japan)

1 In the home screen, [☎] ▶ [Dial]

2 "+" (touch and hold "0") ▶ enter country code, area code (city code) and the other party's phone number ▶ [☎]

- When the area code (city code) begins with "0", omit the first "0" when dialing (Include the "0" when making a call to some countries or regions such as Italy).
- Alternatively, enter a phone number ▶ [⁝] ▶ [International call] ▶ select a country code to enter a country code.
  - ・The first "0" of the area code (city code) will be omitted.

● Even if you notify the caller ID, [Unknown], [Anonymous], etc. may appear depending on the network operator, and the caller ID may not be displayed correctly.

Making a call using International Dial Assist

When you make a call to other countries from your country of stay, you can make an international call with simple operation using International Dial Assist.

- ● Set International dial assist in advance.
- ● The first "0" of a phone number will be automatically converted to the country code you set in Country code.

1 In the home screen, [☎] ▶ [Dial]

2 Enter a phone number ▶ [☎]

3 [Converted number]

■ Setting of International Dial Assist

1 In the home screen, [▦] ▶ [Settings] ▶ [Call] ▶ [Roaming settings] ▶ [International dial assist]

2 Select an item

- ■ Automatic conversion: Set whether to make calls using International Dial Assist.
- ■ Country code: Set a country code to use when using International Dial Assist.
- ■ International prefix: Set an international prefix to use when using International Dial Assist.

Making a call in your country of stay

You can make a domestic call in your country of stay in the same way as you do in Japan.

- ● Always enter the area code (city code), even when the number is in the same area.

Making a call to a WORLD WING subscriber overseas

When you make a call to a WORLD WING subscriber overseas, the call is made as an international call to Japan regardless of whether the call is made to the inside or outside of your country of stay.

1 In the home screen, [☎] ▶ [Dial]

2 "+" (touch and hold "0") ▶ enter country code "81" (Japan) and the other party's mobile phone number excluding the first "0" ▶ [☎]

Receiving a call overseas

You can receive a call overseas in the same way as you do in Japan.

- When a call is received during international roaming, the call is forwarded from Japan. Charges for connecting a call to Japan are incurred by the caller and receiving charges by the receiver.

■ Having calls made to your handset

When having calls made to your handset from Japan, have your phone number entered just as a domestic call in Japan.

When having calls made to your handset from countries other than Japan, have the international call access number and country code "81" (Japan) added to the beginning of your phone number with the first "0" excluded as an international call to Japan regardless of your country of stay.

International call access number of the country of the caller-81-90 (or 80/70)-XXXX-XXXX

Setting international roaming

Roaming settings

You can make settings for international roaming.

1 In the home screen, [▦] ▶ [Settings] ▶ [Call] ▶ [Roaming settings]

2 Select an item

- ■ Incoming call restriction while roaming: Set whether to reject incoming calls during international roaming.
- ■ Incoming notification while roaming: Set whether to notify you of incoming call information (date and time of calls or caller ID) by SMS, when you are in a place with no signal, the handset is turned off or you fail to answer an incoming call during international roaming.
- ■ Roaming guidance: Set whether to play the guidance notifying the other party who makes a call to you during international roaming that you are using international roaming.
- ■ International dial assist: Make settings for International dial assist. For details ☞P.85 "Setting of International Dial Assist"
- ■ Network service: Make settings for using network services available during international roaming. For details ☞P.86 "Network services during roaming"

Network services during roaming

You can use network services such as Voice Mail Service or Call Forwarding Service overseas.

1 In the home screen, [▦] ▶ [Settings] ▶ [Call] ▶ [Roaming settings] ▶ [Network service]

2 Select an item

- ■ Remote operation (charges apply): Make settings for remote operations.
- ■ Caller ID notification request service (charges apply): Make settings for Caller ID Display Request Service.
- ■ Incoming call notification while roaming (charges apply): Make settings for Incoming notification while roaming.
- ■ Roaming guidance (charges apply): Make settings for Roaming guidance.
- ■ Voicemail service (charges apply): Make settings for Voice Mail Service.
- ■ Call forwarding service (charges apply): Make settings for Call Forwarding Service.

Checking after homecoming

The handset automatically connects to the DOCOMO network after returning to Japan. If it fails, make the following settings.

- Set Preferred network type to [LTE/3G/GSM(Auto)] (☞P.84 "Preferred network type").
- Set Network operators to [Select automatically] (☞P.85 "Network operators").

Appendix/Index

Troubleshooting (FAQ)

Troubleshooting

- First, check whether the software update is required. If it is required, update the software (☞P.91 "Software update").
- If there is no improvement on the problems even after checking the following items, feel free to contact the number listed in "Repairs" (in Japanese only) on the last page or a repair counter that DOCOMO specifies.

■ Power

- The handset is not turned on
  - Make sure the battery has not run out. ☞P.15 "Charging"
- The screen does not respond or the handset cannot be turned off
  - You can turn the power off forcibly by pressing ▯(⏻) for at least 8 seconds. ☞P.16 "Turning power off forcibly"
    - Note that data, contents you have set, etc. may be deleted since the power is turned off forcibly.

■ Charging

- Cannot charge the battery
  The charging lamp does not illuminate or it flashes
  - Is the power plug or the cigarette lighter plug of the adapter inserted into the outlet or cigarette lighter socket properly? ☞P.15 "Charging with AC adapter/DC adapter"
  - Are the adapter and the handset set properly? ☞P.15 "Charging with AC adapter/DC adapter"
  - When using an AC adapter (sold separately), are the microUSB plug of the AC adapter and the handset securely connected? ☞P.15 "Charging with AC adapter/DC adapter"
  - If a call, communication or another function is performed for a long time while charging, the handset may become warm and charging may stop. Charge again after the handset temperature lowers. ☞P.15 "Cautions while charging"
  - Is an adapter specified by NTT DOCOMO being used for charging? Contact the number listed in "Repairs" (in Japanese only) on the last page or a repair counter that DOCOMO specifies if you cannot charge the battery even when using a specified one.

■ Handset operation

- Apps do not work properly (e.g. inability to activate them, frequent errors)
  - Make sure there is no disabled app. Try again after enabling a disabled app, if any. ☞P.69 "Enabling an app"
- Becomes hot while operating/charging
  - The handset, internal battery or adapter may become warm while you are operating or charging the handset, when you use video call, watch 1Seg, etc. for a long time while charging, etc. There is no operational problem. ☞P.15 "Cautions while charging"
- Battery life is short
  - Make sure the handset is not left for a long time outside the service area.
    Outside the service area, since radio waves are searched to make communication available, more electric power than usual is used.
  - The battery life depends on the usage environment and deterioration level. ☞P.92 "Main specifications"
  - Internal battery is a consumable product. Battery life per charge is gradually reduced every time the battery is charged. Contact the number listed in "Repairs" (in Japanese only) on the last page or a repair counter that DOCOMO specifies if the battery life becomes extremely shorter than at the time of purchase even after fully charged. ☞P.15 "Internal battery usable life"
- Not activated by touching or pressing keys
  - Make sure the handset is not turned off. ☞P.16 "Turning power on"
- Screen response is slow when touching or pressing keys
  - This may happen when a great deal of data is saved on the handset, when a large amount of data is being transferred between the handset and the microSD Card, etc. ☞P.67 "Storage"
- docomo nano UIM card is not recognized
  - Is the docomo nano UIM card inserted facing right direction? ☞P.13 "docomo nano UIM card"
- Clock is incorrect
  - Clock may become incorrect if the power is left turned on for a long time. Make sure [Automatic date & time] is enabled and turn the power on again in a location with good signal conditions. ☞P.74 "Date & time"
- Handset operation is unstable
  - The apps installed on the handset after purchase may become a cause. If you can improve the symptoms by activating the handset with the safe mode set, you may be able to improve the symptoms by uninstalling the installed apps.
    ※ The safe mode is a function to activate the handset nearly in the state of default.
    - For activating the safe mode
      Turn the power on again when the power is turned off, then keep pressing ▯(—) on the screen during activation until the home screen is displayed.
      ※ Alternatively, ▯(⏻) while the power is turned on (for at least 1 second) ▶ touch and hold [Power off] ▶ [OK] to activate the safe mode.
      ※ When the safe mode is activated, [Safe mode] is displayed at the bottom left of the screen.
      ※ To deactivate the safe mode, turn the power on again.
    - Back up the necessary data in advance before using the safe mode.
    - Widgets created by yourself may disappear.
    - The safe mode is not an ordinary activating state and thus deactivate the safe mode if you want to use in an ordinary way.
- Grip sensor does not respond
  - Make sure you are not wearing a glove.
  - Make sure the handset is not equipped with cover, etc. which is not compatible with Grip sensor.
  - Make sure the handset is not wet. ☞P.12 "Draining water when the handset gets wet"
  - Make sure a metallic object does not touch the sensor.
  - Set [Grip magic] to Off and set it to On again. ☞P.18 "Grip Magic"

■ Calling

- Calls cannot be made
  - Make sure [Restrict calls] in Application lock is not set. ☞P.71 "Application lock"
  - Make sure Airplane mode is not set. ☞P.70 "More"

- Ringtone does not sound
  - Make sure the ringtone volume is not set to "0". ☞P.64 "Sound/notification"
  - Make sure Public mode (power OFF), the manner mode or Airplane mode is not activated. ☞P.39 "Network service", P.65 "Mode settings", P.70 "More"
  - Make sure call rejection is not set. ☞P.39 "Reject call setting"
  - Is Answer time setting set to "0 seconds"? ☞P.38 "Voice/ Answering memo"
  - Make sure the ringing time for Voice Mail Service or Call Forwarding Service is not set to "0 seconds". ☞P.39 "Network service"
- Calls are not available ([📶] does not disappear even after moving to another place or calls cannot be made/received even though signal status is not bad)
  - Turn the power on again or attach the docomo nano UIM card again. ☞P.13 "docomo nano UIM card", P.16 "Turning power on/off"
  - Depending on the signal type, even though status is "inside the service area" or "[📶] (indicating signal status) appears", making/receiving a call may not be available. Move to another place and call again.
  - Make sure the call restriction such as a call rejection is not set. ☞P.39 "Reject call setting"
  - In a crowded place, heavy telephone/mail traffic may make it difficult to get a connection depending on how congested the radio waves are. In this case, a busy tone is played. Move to another place or call again later.

Screen

- Display is dark
  - Make sure Screen timeout is not set to a short duration. ☞P.65 "Display"
  - Make sure brightness of the display is not changed. ☞P.65 "Brightness level"
  - Make sure [Automatic brightness] of Brightness level is not enabled. The brightness of the screen may vary depending on the surrounding light if the setting is enabled. ☞P.65 "Brightness level"
  - Make sure [VeilView] is not enabled. ☞P.66 "VeilView"

Sound

- The other party's voice is not heard well or is too loud during a call
  - Make sure you have not changed the in-call volume. ☞P.37 "Adjusting the in-call volume"

Mail

- Mail is not automatically received
  - Make sure Sync frequency in the account settings of Email is not set to [Never].

Camera

- Still picture or video shot by the camera is blurred
  - Switch Focus Setting to [Macro] when shooting a nearby object with SH Camera. ☞P.55 "Common settings on shooting still pictures/videos"
  - Make sure the camera lens is neither misted up nor exposed to dirt. ☞P.53 "Before using camera"
- Still pictures and videos shot while the mobile light is turned on go white
  - If there is a case, cover, finger, etc. near the camera lens, lights of the mobile light may reflect on it and shot still pictures and videos may be adversely affected.

1Seg

- Cannot watch 1Seg
  - Make sure the handset is not outside the area of a terrestrial digital TV broadcasting service or in a place with weak signal. ☞P.50 "Broadcast wave"
  - Make sure a channel list is created. ☞P.51 "Creating channel lists"

Osaifu-Keitai

- Cannot use Osaifu-Keitai
  - If Omakase Lock is activated, Osaifu-Keitai functions are not available regardless of the setting of NFC/Osaifu-Keitai lock.
  - Make sure NFC/Osaifu-Keitai lock is not set. ☞P.49 "NFC/ Osaifu-Keitai lock"
  - Is the ⓕ mark of the handset held over the scanning device? ☞P.49 "Precautions about holding over the other device"

International roaming

- Cannot use the handset overseas (The signal icon appears)
  - Make sure you have subscribed to "international roaming service (WORLD WING)". Check the status of a subscription to "international roaming service (WORLD WING)". ☞P.84 "Outline of international roaming (WORLD WING)"
- Cannot use the handset overseas ([📶] appears)
  - Make sure the handset is not outside the service area of international roaming or in a place with weak signal. Refer to the DOCOMO website to check if the service area or network operator is available one.☞P.84 "Outline of international roaming (WORLD WING)"
  - Change the network setting or network operator setting. Set Preferred network type to [LTE/3G/GSM(Auto)]. Set Network operators to [Select automatically]. ☞P.84 "Preferred network type", P.85 "Network operators"
  - Turn the power on again. The handset may recover. ☞P.16 "Turning power on/off"
- Cannot use data communication overseas
  - Enable [Data roaming]. ☞P.84 "Data roaming"
- Suddenly the handset becomes unavailable during overseas use
  - Make sure the approximate limit of usage fee is not exceeded. As for "international roaming service (WORLD WING)", the approximate limit of usage fee is set in advance. Pay off the usage fee to resume services if usage fee exceeds the limit.
- The other party's phone number is not notified/A different phone number from that of the other party is notified/Functions to use details saved in the phonebook or Caller ID notification are not activated
  - The caller ID is not displayed on the handset even though the other party makes a call with the caller ID set to be notified if the used network or network operator does not notify. In addition, a different phone number from that of the other party may be notified depending on the used network or network operator.

Data management

- Data is not transferred
  - Make sure a USB HUB is not used. If used, the transference may not be carried out normally. ☞P.81 "Connecting the handset and PC"
- Data saved on the microSD Card is not displayed
  - Remove the microSD Card and insert it again. ☞P.76 "microSD Card (external storage)"
- Images are not displayed correctly
  - An entire image goes black when the image data is damaged.

■ Bluetooth function

- Cannot connect with Bluetooth connection compatible device/Cannot find it even if searching
  - Set the Bluetooth connection compatible device (commercially available) side to the registration stand-by status and register it from the handset side. To delete the registered device once and register it again, both the Bluetooth connection compatible device (commercially available) and the handset are required to be deleted on each side. ☞P.79 "Using Bluetooth function"
- Calls cannot be made from the handset with an external device such as a car navigation system or hands-free device connected
  - Making a call to a phone number may become unavailable if you make multiple calls to the phone number in the condition that the other party does not answer or outside the service area. In this case, turn off the handset power and turn it on again. ☞P.16 "Turning power on/off"

■ Map/GPS function

- Cannot set AUTO-GPS service information
  - Make sure AUTO-GPS has not been suspended due to insufficient battery level. If AUTO-GPS has been suspended due to Low-power operation settings, you cannot set AUTO-GPS service information. In this case, set Low-power operation settings to [Not suspend] or charge the battery to set the service. ☞P.15 "Charging", P.70 "docomo service/cloud"
  - Make sure [AUTO-GPS operation settings] is not disabled. ☞P.70 "docomo service/cloud"

Error messages

- [Cannot connect]
  - The connection could not be made to data broadcasting for an unspecified reason. Try again later.
- [Cellular network not available.]
  - Make sure a valid preferred network type is set. ☞P.84 "Preferred network type"
- [Connection error; failed to send]
  [Connection has been interrupted due to no answer]
  [Server error; failed to send]
  [The destination server is not supporting it.]
  [Transmission error; try again in a while]
  - Appears when attempting to use mail or SMS with the line system not in service or extremely congested. Try again later.
- [Enter passcode.]
  - Appears when an operation for the restricted function was attempted while the handset lock is set. Enter the passcode to temporarily disable handset lock and continue operation.
  - Appears when attempting to use a function that requires the passcode to be entered.
- [Failed to get license. Cannot play.]
  - Appears when failed to update a license of copyrighted content that has reached the expiration date.
- [Failed to send]
  - Appears when SMS was not sent properly.
  - Appears when mail was not sent properly. Try again from a location with a strong signal.
- [Insert/recheck SIM card.]
  - Make sure docomo nano UIM card is properly inserted. ☞P.13 "docomo nano UIM card"
- [Low on space]
  - Available space on the handset memory is decreasing. Some functions or apps may not work properly. Uninstall unneeded apps or move/delete files.
- [No permissions to play this content.]
  - Appears when there is no available license or when attempting to play copyrighted content whose playable period or limit has expired.
- [Please wait for a while(data)]
  - Packet communication network is extremely congested. Try again later.
- [Please wait for a while(voice call)]
  - Audio line network is extremely congested. Try again later.
- [Utilizing the production number information. Continue?]
  - May appear while watching 1Seg. Select [Yes] to send manufacture number of the handset and docomo nano UIM card.
- [xx mails have been received, but some have not been received.]
  - Appears when not all mails can be received for an unspecified reason.

Anshin Enkaku Support

※ This service is provided in Japanese.

By having the screen on your handset shared with DOCOMO, you can get supports for operating and setting the handset, using apps or connecting to peripheral devices such as PC.

- In the following cases, Anshin Enkaku Support is not available.
  - ■ When the docomo nano UIM card is not inserted
  - ■ During international roaming
  - ■ In Airplane mode
- Anshin Enkaku Support is a paid service that requires subscription.
- Some operations and settings are not covered.
- For details on Anshin Enkaku Support, refer to the DOCOMO website.

1 Make a call to Anshin Enkaku Support center

Anshin Enkaku Support center
☎ 0120-783-360
Business hours: 9:00 a.m. to 8:00 p.m. (open all year round)

- In the home screen, [▦] ▶ [遠隔サポート] (Remote support) ▶ [このスマートフォンから発信する] (Make a call from this smartphone) ▶ [☎] to make a call to Anshin Enkaku Support center from the handset.

2 In the home screen, [▦] ▶ [遠隔サポート] (Remote support)

3 [遠隔サポートの接続画面に進む] (Proceed to the connection screen for Remote support)

4 [同意する] (Agree)

5 Enter the connection number provided by DOCOMO

6 The remote support starts after the connection is established

Warranty and After-Sales Service

Warranty

- Make sure that your handset is accompanied by a warranty card at the time of purchase. Check that the name of the retailer, the date of purchase, and the necessary details have been filled in on the warranty card. Be sure to keep it in a safe place.
  Contact the retailer if any necessary details on the warranty card are not completed.
  The warranty period without charge is 1 year from the date of purchase.

※TV antenna cable and the nuance sheet are not covered by the free repair warranty.

- For the purpose of improvement, the specifications and the appearance for the handset and its accessories are subject to change without prior notice.
- Information registered in your handset, such as phonebooks, may be lost or changed if your handset is damaged, repaired or mishandled. It is recommended that backup be kept of information such as phonebooks.

※The handset allows you to save phonebook data etc. to microSD Cards.

※The handset allows you to back up data such as phonebooks by using docomo cloud.

After-Sales Services

■ If you have problems with your handset

Refer to "Troubleshooting" on this manual before requesting repairs. Contact the number listed in "Repairs" (in Japanese only) on the last page if problems persist.

■ If your handset needs repairs after contacting DOCOMO

Bring your handset to a repair counter that DOCOMO specifies. However, repair counters are only open during business hours. Make sure to bring your warranty card with you. Note that it may take several days to repair depending on the condition on the malfunctions.

During the warranty period

- The handset will be repaired without charge in accordance with the terms of the warranty.
- When bringing the handset in for repairs, be sure to bring the warranty card. Even during the warranty period, a fee will be charged for repairs of malfunctions, damage, etc. caused by your improper handling (damage of external connector terminal, earphone/microphone terminal, display, etc.), if no warranty certificate is presented or if you have repaired the handset at a repair counter other than those specified by DOCOMO.
- Repairs for malfunctions caused by the use of devices and consumable products other than those specified by DOCOMO will also incur a fee, even during the warranty period.

Repairs may not be possible in the following circumstances.

- When, as a result of inspection, a corrosion resulted from water exposure, condensation, sweat or other liquids is found or when the internal circuit board is damaged or deformed (Repairs may not be possible when external connector terminal, earphone/microphone terminal, display, etc. is damaged or when a housing is cracked)
- If you have repaired the handset at a repair counter other than those specified by DOCOMO

※Even when repairs are possible, repair charges will be incurred because the warranty does not cover such damage.

After the warranty period has expired

Charged repairs will be carried out upon request.

Replacement parts

Replacement parts (required to maintain the functionality of the handset) will be kept in stock basically for at least 4 years following the halt of production. However, note that there may be a case when repair is not possible for the shortage of replacement parts etc. depending on the faulty part. Repairs may be possible even after this period has passed, depending on the faulty part. Contact the number listed in "Repairs" (in Japanese only) on the last page for details.

■ IMPORTANT!

- Never attempt to modify the handset or its accessories.
  - ■ May cause fire, bodily injury or malfunction.
  - ■ If your device has been modified previously, it will only be accepted for the repair as long as you agree that we restore the device to its original state. However, repairs may be refused depending on the extent of the modification.
    The following cases may be considered as a modification.
    - ・Stickers etc. are applied to the display or keys
    - ・Decorations are made to the handset with adhesive agent etc.
    - ・Exterior parts etc. are replaced with those which are not standard DOCOMO products
  - ■ Repairs for any malfunction or damage caused by such modifications will incur fees, even during the warranty period.
- Information stored in your handset, such as the settings of various functions, may be cleared or reset if your handset is damaged, repaired or mishandled. If this occurs, please re-enter the information or re-specify the settings.
- When the handset is repaired, MAC address for Wi-Fi and Bluetooth address may be changed regardless of the faulty part.
- The following sections of the handset contain parts that generate magnetic waves. Keep cash cards and other objects likely to be affected by magnetic waves away from the handset. They may become unusable.
  - ■ Sections: Speaker, earpiece
- If the inside of the handset gets wet or becomes moist, immediately turn off the power though the handset provides waterproof performance. Then, visit a repair counter. The handset may not be repaired depending on its condition.

■ Memory dial (Phonebook) and downloaded information

- Created, imported, downloaded data, etc. may be modified or deleted when changing models or repairing the handset. DOCOMO shall not be liable for any modification or deletion of content. DOCOMO may, at our convenience, exchange your handset for a substitute in lieu of repairs. However, in this case, we cannot transfer these data etc. to replaced products except for some data.

Software update

Software update is a function to connect to the network and check if software update for the handset is required. If necessary, download and install update files.

Software update

- If update is necessary, you will be notified by [↓] (Software Update) on the status bar or you can visit the DOCOMO website to check the availability of update.
- The following contents etc. are included in software update. Be sure to keep the version up-to-date to use the handset safely and comfortably.
  - ■ Improvement and addition of functions
  - ■ Improvement of operations
  - ■ Improvement of the product quality
  - ■ Update of security patch

- You can update software even if the handset contains data in it. However, DOCOMO may not be able to protect data that could be lost due to malfunction, damage, water exposure and so on. It is recommended that important data be backed up before updating software. Note that some data cannot be backed up.

■ Precautions

- Once the update is completed, you cannot downgrade the software to the previous one.
- When updating software, the information unique to the handset (model, serial number, etc.) is automatically sent to the DOCOMO server. Sent information is only used for software update.
- If you use packet communication of Xi/FOMA, the download is free of charge.
- The docomo nano UIM card of DOCOMO subscription is required to update software via packet communication. If you use packet communication, subscription to sp-mode may be required depending on the content of the update.
- During installation, making or receiving calls, each communication function and other functions cannot be used.
- During installation, no key operations are available. It is not possible to cancel installation.
- When the update is completed, the handset restarts.
- When the update is completed, some settings may be reset. Re-enter the information or re-specify the settings.
- When PIN code is set, the PIN code entry screen appears during restart after rewriting and you are required to enter PIN code.
- If update fails and all operations become unavailable, bring the handset to a repair counter that DOCOMO specifies.
- While updating, sent SMSs are held at SMS center.
- Update may take time.
- In the following cases, update is not available.
  - ■ During a call
  - ■ When the handset is not connected to the Wi-Fi and [📶] is displayed
  - ■ When the handset is functioning as a base unit during tethering
  - ■ When date and time are set incorrectly
  - ■ When battery level is insufficient for update
  - ■ When available space on the handset memory is insufficient
  - ■ When the basic software is changed improperly
- End all apps before installing software.
- Fully recharge battery before updating software.
- Do not turn the power off during updating software.
- It is recommended to download software at a location with good signal conditions while you are not moving. Software update may be interrupted if signal is weak.
- When software update is not necessary, [No upgrade is needed. Use it as it is.] appears.

Updating software

When update for the handset is required, update files are automatically downloaded and installation is reserved. After that, [↓] (Software Update) is displayed on the status bar.

- At the time of purchase, the setting for automatically reserving installation is set to [ON].
- Installation is not reserved depending on the content of the update. In this case, drag the status bar down ▶ select the notification ▶ [Install] to install the software.

■ Changing auto-update setting

1 In the home screen, [▦] ▶ [Settings] ▶ [About phone] ▶ [Software Update]

2 [ON]/[OFF] of Auto Update

- If Auto Update is set to [OFF], carry out the operation of "When [↓] is not displayed on the status bar".

■ Changing reserved time of installation

You can change the reserved time by yourself.

1 Drag the status bar down ▶ select the notification

2 Select the rewrite method

- To install software immediately: [Start Update]
- To reserve installation: [Change start time] ▶ enter the time ▶ [Change]
  - ・If you do not change the reserved time, [Change start time] ▶ [Change] to return to the home screen.

■ When [↓] is not displayed on the status bar

1 In the home screen, [▦] ▶ [Settings] ▶ [About phone] ▶ [Software Update]

2 [Start Update]

- The confirmation screen for updating software is displayed depending on the content of the update.

3 [OK]

- Even if you do not touch [OK], the installation starts after approximately 10 seconds.

When the confirmation screen for updating software is displayed

1 In the software update screen, [Start Update]

2 Select an item

- ■ Perform now (only via Wi-Fi): Download update files immediately via Wi-Fi connection.
- ■ Perform at scheduled time (via Wi-Fi/Xi)*: Download update files at the automatically reserved time via Wi-Fi connection or Xi/FOMA.

* When you cannot download update files via Xi/FOMA, [Perform at scheduled time (only via Wi-Fi)] is displayed.

- If the handset software is the latest, [No upgrade is needed. Use it as it is.] is displayed.
- If the download is interrupted, data downloaded up to that point is retained for up to 14 days. You can restart the download from [↓] (Downloading update file stopped) on the status panel.

- If you select [Perform at scheduled time (via Wi-Fi/Xi)] or [Perform at scheduled time (only via Wi-Fi)], the time for the download to start is automatically set. The time cannot be changed. If you do not want to download at the automatically set time, [Software Update] ▶ [Back]. Then select [Perform now (only via Wi-Fi)] and download update files.

[Download now (only via Wi-Fi)], [Perform at scheduled time (via Wi-Fi/Xi)]

- If you select [Download and install] and the download is finished, the installation automatically starts.
- Even if you select [Download] and the download is finished, the installation does not automatically start. When you want to install update files, you need to start installation by yourself.

Updating apps

- Check if update for apps is required after the update is completed. If you do not update an app which needs to be updated, the app's operations may become unstable or functions may not work normally. Be sure to keep the version up-to-date.
- For details on the supported OS version of an app, contact the provider of the app.

Updating from the status panel

When the update is finished and the handset restarts, [⇩] (Updating has been completed) is displayed on the status bar.
Drag the status bar down and [Updating has been completed] ▶ [Next] ▶ [OK] to update apps in the update list.

Updating from Play Store

In the home screen, [Play Store] ▶ [☰] ▶ [My apps] to update each app.

Main specifications

Handset

Product name	SH-02H
Size	Approx. 126 (H) × Approx. 66 (W) × Approx. 8.9 (D) mm (Approx. 9.0 mm at thickest point)
Weight	Approx. 120 g
Memory	ROM: 16 GB RAM: 3 GB
Continuous talk time[*1, 2, 3]	FOMA/3G Approx. 820 min. GSM Approx. 710 min. VoLTE (Voice call) Approx. 1,150 min
Continuous stand-by time[*2, 3]	FOMA/3G At rest: Approx. 510 hr (Preferred network type: LTE/3G/GSM(Auto))[*4] GSM At rest: Approx. 390 hr (Preferred network type: LTE/3G/GSM(Auto))[*4] LTE At rest: Approx. 460 hr (Preferred network type: LTE/3G/GSM(Auto))[*4]
1Seg watching time[*3, 5]	Approx. 510 min.
Charge time	AC Adapter 05: Approx. 130 min DC Adapter 04: Approx. 150 min
Display	Type TFT (IGZO) 16,777,216 colors Size Approx. 4.7 inches Pixels 2,073,600 pixels (FULL HD: horizontal 1,080 × vertical 1,920 pixels)
Earphone/ Microphone terminal	Diameter of plug: 3.5 mm stereo mini plug Type of pole: Quadrupoles
Image pickup device	Type Back camera: Back-illuminated CMOS[*6] Front camera: Back-illuminated CMOS[*6] Size Back camera: 1/3.0 inches Front camera: 1/5.0 inches
Camera	Effective pixels Back camera: Approx. 13.1 million pixels Front camera: Approx. 5 million pixels Recorded pixels (Max.) Back camera: Approx. 12.8 million pixels Front camera: Approx. 5 million pixels Zoom (Digital) Back camera: Up to approx. 8.0 × (Still picture)/Up to approx. 8.0 × (Video) Front camera: Up to approx. 8.0 × (Still picture)/Up to approx. 8.0 × (Video)

Recording[7]	Number of recordable still pictures Approx. 8,800 shots (when saved on the handset)[8] Approx. 1,100 shots (when saved on 1 GB microSD Card)[8] Continuous shooting of still pictures 999 shots File format for still picture JPEG Recording time for video Up to approx. 16 min each/Up to approx. 64 min in total (when saved on the handset)[9] Up to approx. 480 sec each/Up to approx. 480 sec in total (when saved on 1 GB microSD Card)[9] File format for video MP4
Memory capacity	Approx. 8.0 GB[10]
Wireless LAN	Meets IEEE 802.11a/b/g/n (2.4 GHz/5 GHz) / ac[11]
Bluetooth	Supported version Bluetooth standard Ver.4.1 Output Bluetooth standard Power Class 1 Supported profiles (Supported service/versions) HSP (1.2), HFP (1.6), A2DP (1.2), AVRCP (1.3), HID (1.0), DUN (1.1), OPP (1.1), SPP (1.1), PBAP (1.0), PAN (PAN-NAP) (1.0), PAN (PANU) (1.0), HOGP (1.0)
Languages	Displayed languages: Japanese and English Input languages (for typing): Japanese and English Input languages (for speaking): Depending on Google voice typing

*1 Continuous talk time is an estimate of the time during which you can talk on a phone in a status where signals are sent and received normally.

*2 Talk (Communication)/Stand-by time is shortened with the frequent use of each function such as data communications, Multiaccess, camera function, 1Seg function or Bluetooth function. Actual usage time is the combination of talk (communication) and stand-by time. The longer the talk time is, the shorter the stand-by time becomes.

*3 Talk (Communication)/Stand-by time may be reduced by approximately half or 1Seg watching time may be shortened depending on conditions including the battery level status, functions used, temperature or other environmental conditions, and signal strength (no signal or weak signal).

*4 This is the average usage time during which the handset is not carried with you and in a status where signals are received normally.

*5 1Seg watching time is an estimate of watching time in a status where signals are received normally.

*6 CMOS (Complementary metal-oxide semiconductor) is an image device equivalent to the film of silver salt cameras.

*7 This is the specifications when using SH Camera.

*8 Picture size: FULL HD (1920×1080)/File size: Approx. 900 KB

*9 Picture size: FULL HD (1920×1080)/File size limit: Unlimited/ Type: Image + voice

*10 Depending on usage of apps which use common memory, the memory capacity of each data may be reduced.

*11 MU-MIMO (Client mode) is supported.

■ Internal battery

Battery	Lithium-ion
Nominal voltage	DC 3.8 V
Nominal capacity	2,810 mAh

Specific Absorption Rate (SAR) of Mobile Phones

This model SH-02H mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

This mobile phone was designed in observance of Japanese technical regulations regarding exposure to radio waves(*1) and limits to exposure to radio waves recommended by a set of equivalent international guidelines. This set of international guidelines was set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition.

The technical regulations and international guidelines set out limits for radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.833 W/kg (*2) and when worn on the body is 0.652 W/kg (*3). There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

The actual SAR of this mobile phone while operating can be well below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device.

This mobile phone can be used in positions other than against your ear. Please keep the mobile phone farther than 1.5 cm away from your body by using such as a carrying case or a wearable accessory without including any metals. This mobile phone satisfies the technical regulations and international guidelines.

The World Health Organization has stated that "a large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

Please refer to the WHO website if you would like more detailed information.

http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm

Please refer to the websites listed below if you would like more detailed information regarding SAR.

Ministry of Internal Affairs and Communications Website:
http://www.tele.soumu.go.jp/e/sys/ele/index.htm
Association of Radio Industries and Businesses Website:
http://www.arib-emf.org/01denpa/denpa02-02.html (in Japanese only)
NTT DOCOMO, INC. Website
https://www.nttdocomo.co.jp/english/product/sar/
SHARP Corporation Website:
http://k-tai.sharp.co.jp/support/sar/ (in Japanese only)

*1 Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

*2 In regards to methods of measuring SAR when using mobile phones having multiple wireless devices to be able to function simultaneously at the ear, in July of 2015, a portion of advisory 118 was reported on based upon the Information and Communications Council. SAR value when evaluated based on the report is also under the SAR limit.

*3 Including other radio systems that can be simultaneously used with Xi/FOMA.

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear is 0.664 W/kg* and when worn on the body is 0.602 W/kg*.

For body-worn operation, this mobile device has been tested and meets the RF exposure guidelines when used with an accessory containing no metal and positioning the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

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* The tests are carried out in accordance with international guidelines for testing.

Declaration of Conformity

CE0168(!)

In some countries/regions including Europe, there are restrictions on the use of 5GHz WLAN that may limit the use to indoors only.
If you intend to use 5GHz WLAN on the device, check the local laws and regulations beforehand.

Hereby, Sharp Telecommunications of Europe Ltd, declares that this SH-02H is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
A copy of the original declaration of conformity can be found at the following Internet address:
http://www.sharp.co.jp/k-tai/ (in Japanese only)

FCC Notice

- This device complies with part 15 of the FCC Rules.
  Operation is subject to the following two conditions:
  (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1.Reorient/relocate the receiving antenna.
2.Increase the separation between the equipment and receiver.

3.Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4.Consult the dealer or an experienced radio/TV technician for help.

5 GHz WLAN Operation in USA

Within the 5.15-5.25 GHz band, UNII devices are restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite Services (MSS) operations.

FCC RF Exposure Information

Your handset is a radio transmitter and receiver.

It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model handset when tested for use at the ear is 0.73 W/kg and when worn on the body, as described in this user guide, is 1.14 W/kg.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines. Please use an accessory designated for this product or an accessory which contains no metal and which positions the handset a minimum of 1.5 cm from the body.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of http://transition.fcc.gov/oet/ea/fccid/ after searching on FCC ID APYHRO00228.

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at http://www.fcc.gov/encyclopedia/radio-frequency-safety.

FCC ID Location

The device is electronically labeled and the FCC ID can be displayed via the About phone & the Authentication under the Settings menu.

Export Administration Regulations

The Japan Export Administration Regulations ("Foreign Exchange and Foreign Trade Act" and its related laws) may be applied to this product and its accessories under certain conditions. The Export Administration Regulations may also be applied. To export or reexport the handset and its accessories, conduct all legally required procedures at your own risk and expense. For details on the procedures, contact the Ministry of Economy, Trade and Industry or the US Department of Commerce.

Intellectual Property Right

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- Data with third party copyrights such as text, images, music and software that is downloaded via Internet websites, acquired by TV, video, etc. or shot by the handset cannot be duplicated, altered or publicly transmitted without rightful party's consent. Only duplicating, quoting, etc. for personal use are permitted under the Copyright Act.
  Even if for personal use, filming and recording may be prohibited for stage performances, shows, exhibitions, etc.
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- QR code is a registered trademark of Denso Wave Inc.
- microSD Logo, microSDHC Logo and microSDXC Logo are trademarks of SD-3C, LLC.
- The handset features LCFONT, developed by Sharp Corporation, to make the LCD easier to view and read. LCフォント/LCFONT and ® are registered trademarks of Sharp Corporation.
- OBEX™ is a trademark of Infrared Data Association®.
- is a registered trademark of FeliCa Networks, Inc.

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- DLNA®, the DLNA Logo and DLNA CERTIFIED™ are trademarks, service marks, or certification marks of the Digital Living Network Alliance.
  Sharp Corporation has acquired DLNA certification for the device.
- This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/)
- This product includes cryptographic software written by Eric Young(eay@cryptsoft.com)
- Portions Copyright © 2004 Intel Corporation
  This product partly uses the software of Intel Corporation.
- iWnn of OMRON SOFTWARE Co., Ltd. is used for conversion methods for Japanese language, and for phrase prediction methods for English.
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- Shin Go M, the font type installed in this product, is provided by Morisawa & Company, Ltd.
  *Shin Go is a registered trademark of Morisawa & Company, Ltd.
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- VoiceText of HOYA Service Corporation is used for speech synthesis. VoiceText is a registered trademark of Voiceware co.,ltd.
- Speech recognition technology mimi® is used in emopa 3.0. mimi® is a registered trademark of Fairy Devices Inc.
- "AQUOS", "Feel Home", " ウェルカムシート/Welcome Sheet", "スロートーク/Slow Talk", "Bright Keep", "Sweep ON", "NightCatch/ ナイトキャッチ", "フレーミングアドバイザー / FramingAdviser", "エモパー /emopa", "エスショイン/S-Shoin", "PrintSmash", "グリップマジック/Grip Magic", "クリップナウ/ Clip Now" and "AQUOS" logo are trademarks or registered trademarks of Sharp Corporation.
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Others

- FeliCa is a contactless IC card technology developed by Sony Corporation. FeliCa is a registered trademark of Sony Corporation.
- Under the MPEG-4 Visual Patent Portfolio License, customers have licensed permission for the following use of this product to engage in non-profit personal use. Other uses are not permitted.
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  - Decoding an MPEG-4 video that a customer not engaged in personal commercial activities has encoded.
  - Decoding an MPEG-4 video obtained from a licensed provider.

  For details on other intended uses, contact MPEG LA, LLC.
- This product is licensed under the MPEG-4 Systems Patent Portfolio License for encoding in compliance with the MPEG-4 Systems Standard. An additional license and payment of royalties are necessary in the following cases.
  - Data stored or replicated in physical media which is paid for on a title by title basis.
  - Data which is paid for on a title by title basis and is transmitted to an end user for permanent storage and/or use.

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  See http://www.mpegla.com.
- This product is licensed under the VC-1 Patent Portfolio License for the personal and noncommercial use of a consumer to (i) encode video in compliance with the VC-1 standard (henceforth referred to as VC-1 video) and/or (ii) decode VC-1 video that was encoded by a consumer engaged in a personal and noncommercial activity and/or was obtained from a video provider licensed to provide VC-1 video. No license is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA, L.L.C.
  See http://www.mpegla.com.
- MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.
- Content owners use Microsoft PlayReady™ content access technology to protect their intellectual property, including copyrighted content. This device uses PlayReady technology to access PlayReady-protected content and/or WMDRM-protected content. If the device fails to properly enforce restrictions on content usage, content owners may require Microsoft to revoke the device's ability to consume PlayReady-protected content. Revocation should not affect unprotected content or content protected by other content access technologies. Content owners may require you to upgrade PlayReady to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade.

- The abbreviations of operating systems (Japanese versions) below are used in this manual.
  - ■ Windows10 stands for Microsoft® Windows® 10 (Home, Pro, Enterprise, Education).
  - ■ Windows 8.1 stands for Microsoft® Windows® 8.1, Microsoft® Windows® 8.1 Pro and Microsoft® Windows® 8.1 Enterprise.
  - ■ Windows 8 stands for Microsoft® Windows® 8, Microsoft® Windows® 8 Pro and Microsoft® Windows® 8 Enterprise.
  - ■ Windows 7 stands for Microsoft® Windows® 7 (Starter, Home Basic, Home Premium, Professional, Enterprise and Ultimate).
  - ■ Windows Vista stands for Windows Vista® (Home Basic, Home Premium, Business, Enterprise and Ultimate).
- The Bluetooth word mark and logos are owned by the Bluetooth SIG, INC. and any use of such marks by NTT DOCOMO, INC. is under license. Other trademarks and trade names are those of their respective owners.
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Open source software

- This product includes software based on GNU General Public License (GPL), GNU Lesser General Public License (LGPL) and other licenses.
  For details on licenses of related software, in the home screen, [▦] ▶ [Settings] ▶ [About phone] ▶ [Legal information] ▶ [Open source licenses].
- Source codes of software based on GPL, LGPL and Mozilla Public License (MPL) can be referred to on the following website for free. For details, refer to the following website.
  http://k-tai.sharp.co.jp/support/developers/oss/ (in Japanese only)

Unlocking SIM lock

- The handset can unlock the SIM lock. Unlock the SIM lock to use non-DOCOMO SIM cards.
- Some services, functions, etc. may be unavailable. DOCOMO shall not guarantee any operation of the handset.
- For details on the procedure of unlocking SIM lock, refer to the DOCOMO website.

1 Insert non-DOCOMO SIM card

- For details on how to insert/remove the SIM card (☞P.13 "docomo nano UIM card")

2 Turn the power on

3 Enter the SIM unlock code ▶ [Unlock]

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Using mobile phone with your manners!

Please be considerate of those around you when using the handset.

Turn off your handset in the following places

- **When in an area where use is prohibited**
  When you are on an airplane or in a hospital, follow the instructions given by the respective airlines or medical facilities. Turn off the handset in areas where the use of mobile phones is prohibited.

Set Public Mode in the following places

- **While driving**
  Using the handset in hand while driving is regarded as a punishable act. However, some cases such as when rescuing sick and injured people or maintaining public safety are exempted.
- **When in public places such as theaters, movie theaters or museums**
  Using the handset in public places where you should be quiet results in disturbing others.

Be aware of the place to use a mobile phone and the volume of your voice and ringtone

- **Be aware of the volume of your voice when using the handset in quiet places such as restaurant and hotel lobby.**
- **Use in places where you do not block a passage in the town.**

Be considerate of the privacy of the individuals around you

- **Please be considerate of the privacy of individuals around you when taking and sending photos using camera-equipped device.**

Do not use your smartphone while walking

- **Using your smartphone while walking on a platform of a train station, street, etc. may narrow your vision and cause a collision.**
- **Use your smartphone in a safe place after you stop walking.**

These functions ensure manners in public

The handset has convenient functions such as setting not to answer a call and setting to mute sound of the handset.

- **Manner mode (☞P.65 "Mode settings")**
  Mutes sound of the handset.
  ※ However, the manner mode cannot mute camera shutter sound.
- **Public Mode (Phone OFF) (☞P.39 "Network service")**
  When a call is received, a message stating that you are in a place that does not allow the use of mobile phone is played and the call is automatically disconnected.
- **Phone vibration (☞P.64 "Sound/notification")**
  Notifies you of incoming call with vibration.
- **Answering memo (☞P.38 "Voice/Answering memo")**
  Records callers' messages when you cannot answer the call.

※ Additionally, optional services such as Voice Mail Service (☞P.39 "Network service") and Call Forwarding Service (☞P.39 "Network service") are available.

モバイル・リサイクル・ネットワーク
携帯電話・PHSのリサイクルにご協力を。

We collect your unnecessary mobile phones and other devices irrespective of carrier. Bring them to a docomo Shop near you.

※ Intended devices: Mobile phone, PHS, battery pack, charger and desktop holder (irrespective of carrier)

Carrying out various procedures, checking subscription, etc. online

- **From the handset dメニュー (dmenu) ▶ お客様サポート (Support) ▶ ドコモオンライン手続き (docomo online procedure) (in Japanese only)**
- **From a PC My docomo (https://www.nttdocomo.co.jp/mydocomo/) ▶ select an item on "ドコモオンライン手続き" (docomo online procedure) (in Japanese only)**

※ You may not be able to access some website services due to system maintenance, your subscription, etc.

※ "Network security code" or "ID/Password" is required to use " ドコモオンライン手続き " (docomo online procedure).

General Inquiries <docomo Information Center>

(Business hours: 9:00 a.m. to 8:00 p.m.)

0120-005-250 (toll free)

※ Service available in: English, Portuguese, Chinese, Spanish.
※ Unavailable from part of IP phones.

(Business hours: 9:00 a.m. to 8:00 p.m. (open all year round))

■From DOCOMO mobile phones (In Japanese only)

(No prefix) 151 (toll free)

※ Unavailable from land-line phones, etc.

■From land-line phones (In Japanese only)

0120-800-000 (toll free)

※ Unavailable from part of IP phones.

Repairs

(Business hours: 24 hours (open all year round))

■From DOCOMO mobile phones (In Japanese only)

(No prefix) 113 (toll free)

※ Unavailable from land-line phones, etc.

■From land-line phones (In Japanese only)

0120-800-000 (toll free)

※ Unavailable from part of IP phones.

- Please confirm the phone number before you dial.
- For Applications or Repairs and After-Sales Service, please contact the above-mentioned information center or the docomo Shop etc. near you on the NTT DOCOMO website.
  NTT DOCOMO website https://www.nttdocomo.co.jp/english/

For loss, theft, malfunction, and inquiries while overseas (24-hour reception)

■From DOCOMO mobile phones

International call access code for the country you stay -81-3-6832-6600* (toll free)

* You are charged a call fee to Japan when calling from a land-line phone, etc.
※ If you use SH-02H, you should dial the number +81-3-6832-6600 (to enter “+”, press and hold “0”).

■From land-line phones <Universal number>

Universal number international prefix -8000120-0151*

* You might be charged a domestic call fee according to the call rate for the country you stay.
※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO website.

- **If you lose your handset or have it stolen, immediately take the steps necessary for suspending the use of the handset.**
- **If the handset you purchased is damaged, bring your handset to a repair counter specified by DOCOMO after returning to Japan.**

Don’t forget your mobile phone… or your manners!
When using your mobile phone in a public place, don’t forget to show common courtesy and consideration for others around you.

危険です、
歩きスマホ。

キケン！
水ぬれ充電

Sales: NTT DOCOMO, INC.
Manufacturer: SHARP Corporation

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